CD RECEIVER

KDC-8024

SERVICE MANUAL

KENWOOD

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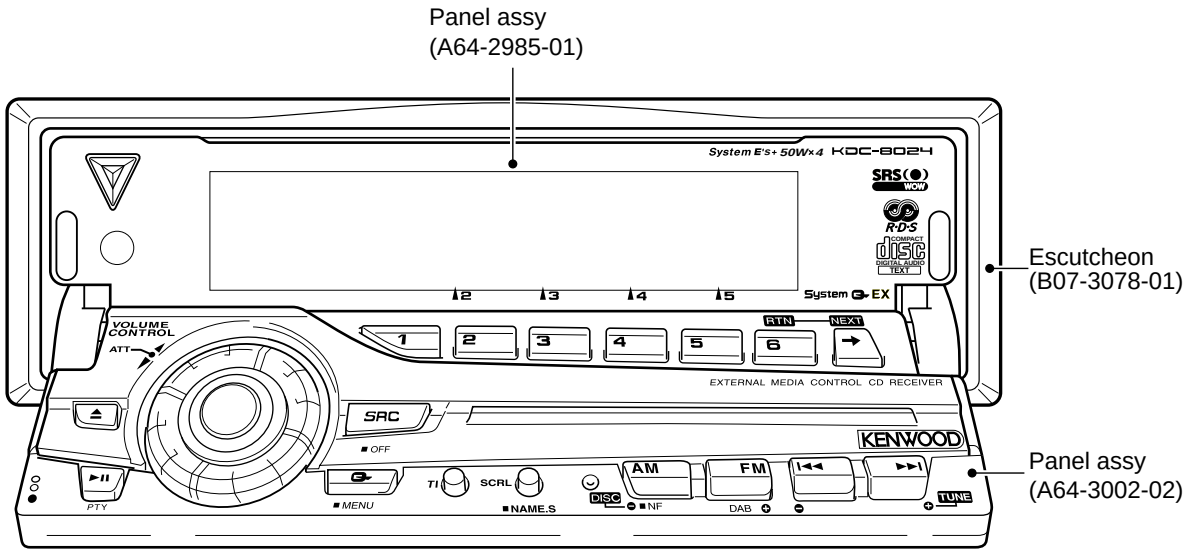
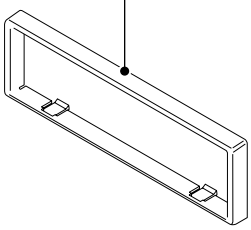
B53-0033-00 (N) 1874

CD mechanism operation description is not in this service manual.
Please, refer to service manual X92-4030-0x (B51-7867-00).

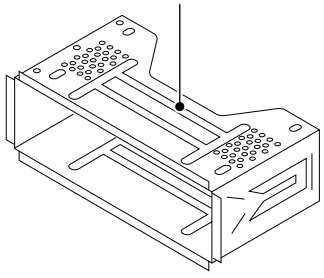
CD mechanism extension cord : W05-0935-00



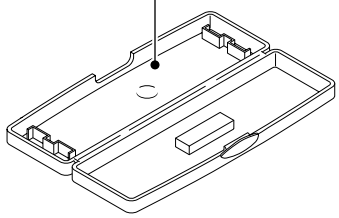
Escutcheon
(B07-3078-01)



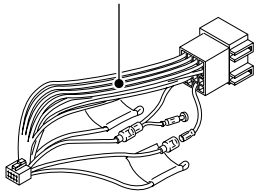
Mounting hardware assy
(J21-9823-03)



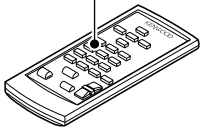
Plastic cabinet assy
(A02-2731-03)



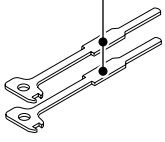
DC cord (ISO)
(E30-4942-05)



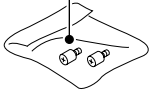
Remote controller assy
(RC-420)
(A70-2026-05)



Lever
(D10-4674-04) x 2



Screw set
(N99-1734-05)



Antenna adaptor
(T90-0552-05)

HOW TO THE PANEL MECHANISM ASSEMBLY

1. Fixed the position of operation side

(Fixed the horizontal position when the panel opened)

① The mounting hardware (281) of operation side is rotation (A) into the stop position with close side.

② As figure (B) line is just above and the gear (230) attached to pin.

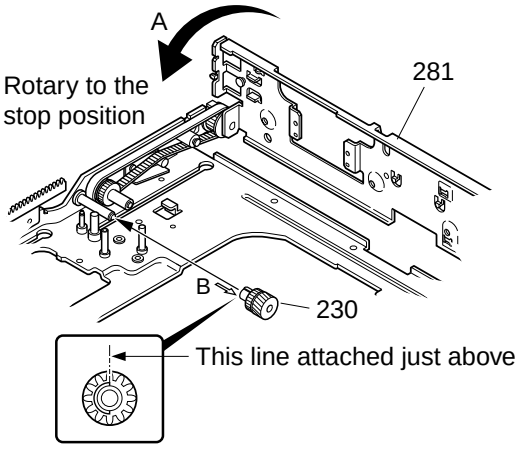
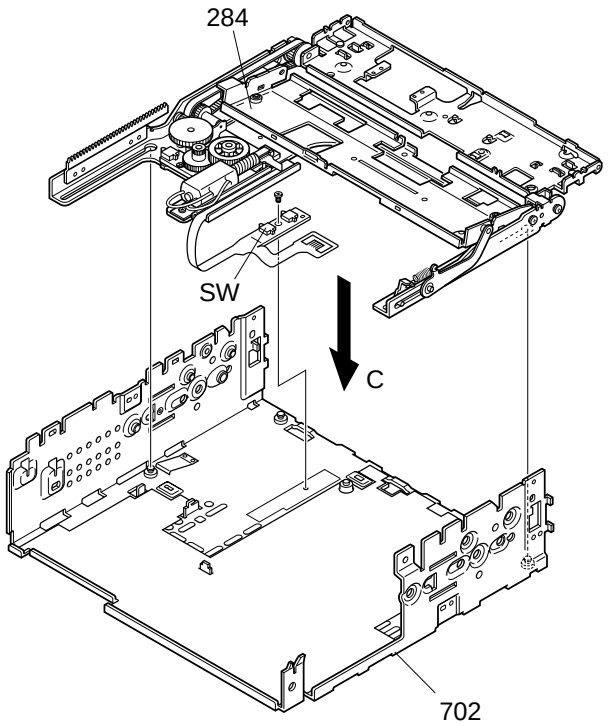


Fig. B
(This figure from look at B arrow)

2. The slider assembly insert to bottom chassis

① The bracket for display panel (284) is leave down, insert to the chassis (702). (C)

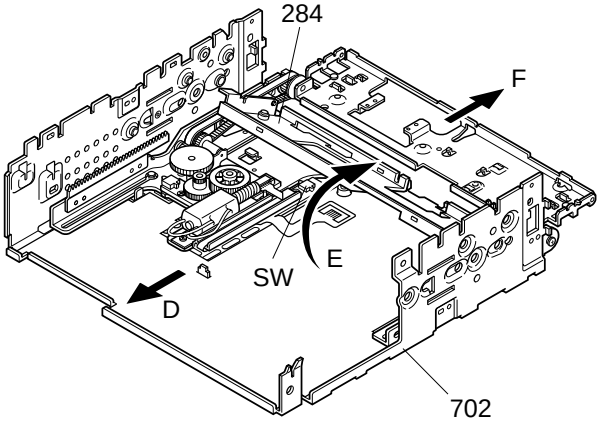


② The slider assembly insert to the chassis (702) after that shift (D) direction.

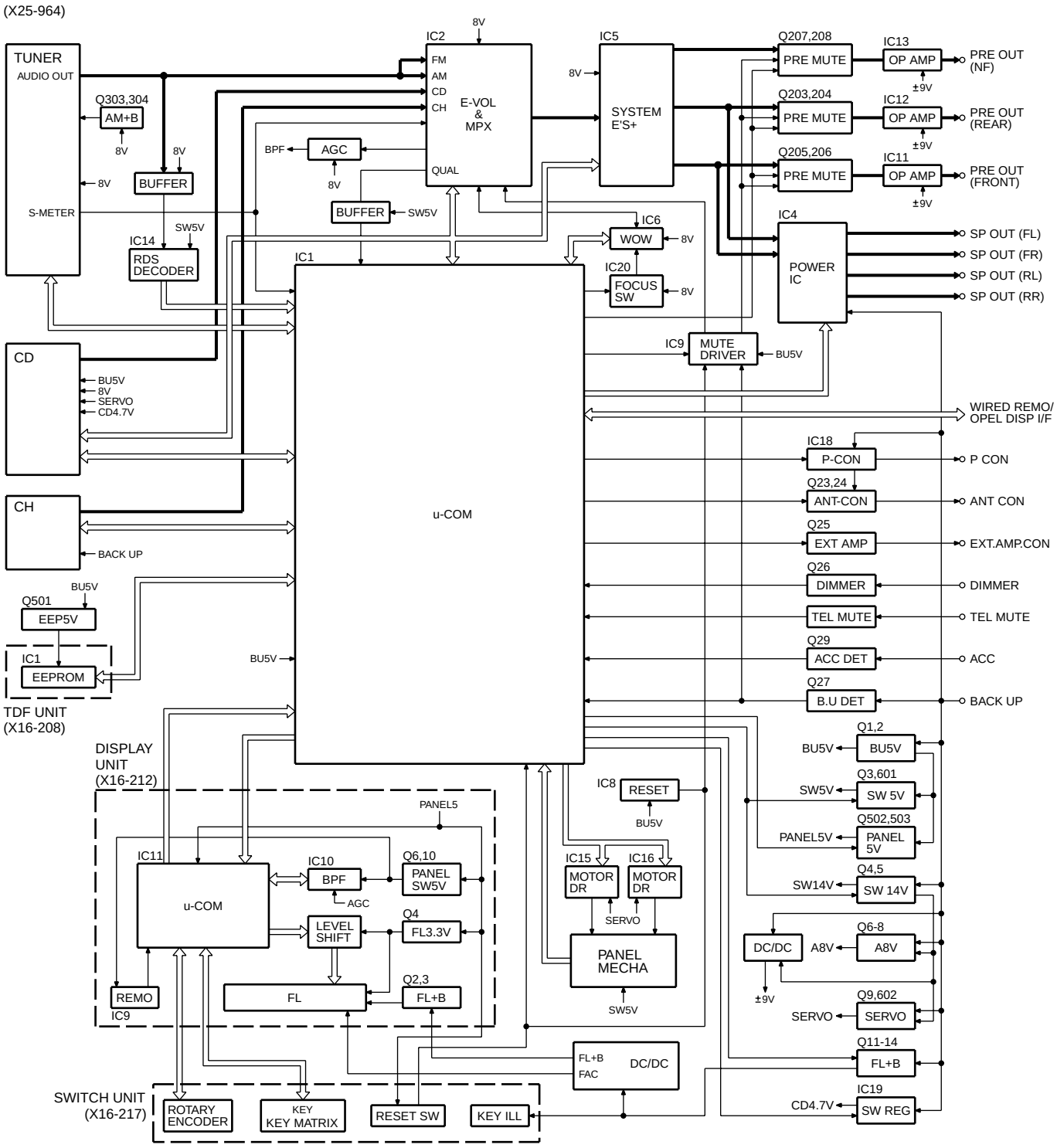
③ The bracket for display panel (284) is raised (E) direction.

④ Keep the raising conditions, the slider assembly is shift (F) direction.

(Note) Do not bend the knob of chassis detection switch when the slider assembly insert.



BLOCK DIAGRAM



COMPONENTS DESCRIPTION

● SUB-CIRCUIT UNIT (X16-2080-10)

Ref. No.	Application/Function	Operation/Condition/Compatibility
IC1	E2PROM	For security

● SUB-CIRCUIT UNIT (X16-2120-10)

Ref. No.	Application/Function	Operation/Condition/Compatibility
IC1	3.3V regulator	The power supply of IC and VFD (Logic) which are driven by 3.3V
IC2	Buffer IC	It is change into 3.3V from 5V
IC3	Remote control IC	
IC4	Spectrum analyzer IC	
IC5	Panel μ-com	
Q1, 2	FL+B SW	FL+B (VDD2) is turned on when Q2's base level goes "H"
Q3	REMO ON SW	The power supply of IC2 and IC3 is turned on when Q3's base level goes "L"
Q4	FL BLK SW	VFD is turned on when Q4's base level goes "H"
Q5	Blue LED SW	Blue LED is turned on when Q5's base level goes "H"

● SWITCH UNIT (X16-2170-10)

Ref. No.	Application/Function	Operation/Condition/Compatibility
Q1	DSI (Disabled System Indicator)	DSI blinks when the base goes "H/L"
Q2	KEY illumination SW (GREEN)	ON (KEY illumination green) when the base goes "H"
Q3	KEY illumination SW (RED)	ON (KEY illumination red) when the base goes "H"

● ELECTRIC UNIT (X25-9642-72)

Ref. No.	Application/Function	Operation/Condition/Compatibility
IC1	System μ-com	
IC2	E-vol & N.C. & MPX	
IC3	Regulator IC for A8V	
IC4	Power IC	
IC5	System E's IC	
IC6	Audio IC (WOW)	
IC8	Reset IC	
IC9	Logic IC for muting	
IC10	Buffer for S.A	
IC14	RDS dcoder IC	
IC15, 16	Motor driver IC for panel mechanism	
IC17	ROM IC	For ROM correction.
IC18	P-CON IC	
IC20	Analog SW for swiching IC6'focus	
Q1, 2	B.U.5V AVR	While BU is applied, BU5V AVR outputs +5V.
Q3, 601	SW5V	When Q601'base goes Hi, SW5V outputs +5V.
Q4, 5	SW14V	When Q5'base goes Hi, SW14V outputs 14V.
Q6~8	AUDIO 8V AVR	When Q6'base goes Hi, A8V AVR outputs 8.3V.
Q9, 602	SERVO+B AVR	When Q602'base goes Hi, S+B AVR outputs 7.5V.
Q11~14	ILL&DC/DC+B AVR	When Q11'base goes Hi, AVR outputs 9.2V.
Q25	Ex amp control buffer	

COMPONENTS DESCRIPTION

Ref. No.	Application/Function	Operation/Condition/Compatibility
Q26	Small lamp det SW	When Q26'base goes Hi, Q26 is turned on.
Q27	BU det	When Q27'base gose Hi, Q27 is turned on.
Q29	ACC det	When Q29'base gose Hi, Q29 is turned on.
Q30, 31	Mute driver	When a base gose Lo, mute driver is turned on.
Q201	Noise buffer	
Q202	E-vol mute SW	When a base gose Hi, mute SW is turned on.
Q203~208	Pre-out mute SW	When a base gose Hi, Pre-out is muted.
Q210	AGC for SA	
Q303, 304	AM+B SW	When Q303'base gose Hi, AM+B is out.
Q305	Composite signal buffer for RDS	
Q501	E2P 5V SW	When Q501'base gose Lo, E2P 5V is out.
Q502, 503	PANEL 5V SW	When Q503'base gose Hi, PANEL 5V is out.
Q603	SW for IC20	When Q603'base gose Hi, Q603 is turned on.

MICROCOMPUTER'S TERMINAL DESCRIPTION

● **SYSTEM MICROCOMPUTER : 703033BGC021 (X25-964 : IC1)**

Pin No.	Pin Name	I/O	Module	Purpose / Description	Truth table	Processing Operation
1	PLL_DATA	I/O	Tuner	Data output/input with F/E.		
2	AM+B	I/O	Power supply	AM+B.		AM operation : H
3	(FM+B)	O	Power supply	FM+B (S01 F/E only).		FM operation : H, Last FM : H (With RDS, RBDS model)
4	V_ILL PAN_E2P DATA	I/O	To panel	V-ILL D/A converter (V-ILL, LCD), E2PROM data.		
5	V_ILL PAN_E2P CLK	I/O	To panel	V-ILL D/A converter (V-ILL, LCD), E2PROM clock.		
6	EVDD	-				
7	EVSS	-				
8	AFS	O	Tuner	Noise detection time constant switching.		FM seek, AF search : L, Receiving : H, Auto 0 : L
9	BEEP	O	Audio	Beep output.		
10	REMO	I	Extra	Remote control input (Panel, External display).		
11	P_MUTE	O	Audio	Power IC MUTE output.		Power OFF : L, All OFF : L, TEL mute : L
12	(SVR)	O	Audio	Power IC SVR discharge circuit control.		Power OFF momentary power dropped : H (5 second) and then L
13	IC2_SDA	I/O	CD	CD mechanism data line.		
			Audio	IC2, IC5 data line.		
			Extra	ROM correction data line.		
14	IC2_CLK	I/O	CD	CD mechanism clock line.		
			Audio	IC2, IC5 clock line.		
			Extra	ROM correction clock line.		
15	P_STBY	O	Audio	Power IC STBY output.		Power IC ON : H, Power IC OFF : L, All OFF : H
16	P_CON	I/O	Extra	Power control.		Power ON : H, Power OFF : Hi-Z, All OFF : Hi-Z
17	WOW_MODE2	O	Audio	WOW control.	①	
18	TEST	-				Connect to GND.

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Module	Purpose / Description	Truth table	Processing Operation
19	DIAG	I	Extra	P_CONIC over voltage, over current detection.		Usually : H, Unusually : L
20	MUTE	O	Audio	Mute output.		ON : OPEN, OFF : L
21	PRE_MUTER	O	Audio	PREOUT (R ch) mute.		M MUTE L is L : L (CD), Momentary power dropped : L, 2 zone, NAVI interrupt : Fixed H
22	PRE_MUTEL	O	Audio	PREOUT (L ch) mute.		M MUTE R is L : L (CD), Momentary power dropped : L, 2 zone, NAVI interrupt : Fixed H
23	BU_DET	I	Extra	Momentary power dropped detection.		Backup : L, No backup, momentary power dropped : H
24	ACC_DET	I	Extra	ACC detection.		With ACC : L, Without ACC : H
25	FOCUS	I/O	Audio	WOW focus control.		Focus HI : H, Focus LOW : Hi-Z
26	EXT_AMP_CONT	O	Extra	External amplifier control.		Refer to external amplifier control.
27	DIMMER	I	Extra	Small lamp detection.		ON : L, OFF : H
28	TYPE2	I	Extra	Destination select.	②	K,J type (With ANT_CON model) : L, E type (Without ANT_CON model) : H
29	P_ON	I/O	Power supply	SW 14V, SW 5V control, AD reference voltage control output.		Power ON : H, Power OFF : Hi-Z
30	ILL_ON	I/O	Power supply	FL, illumination output.		ON : H, OFF : Hi-Z
31	RESET	-				
32	XT1	-		Sub clock.		32.768kHz
33	XT2	-		Sub clock.		32.768kHz
34	REGC	-				Connect to 1μF capacitor.
35	X2	-		Main clock.		20MHz
36	X1	-		Main clock.		20MHz
37	VSS	-				
38	VDD	-				
39	CLKOUT	-				
40	LX_REQ_M	O	LX	Communication request to external slave.		Request : L
41	LX_MUTE	I	LX	Mute request from external slave.		Mute ON : H
42	LX_CON	O	LX	External slave select.		ON : H, OFF : L
43	LX_RST	O	LX	Reset output to external slave μ-com		Normally : L, After system reset : H (400ms or more) and then L
44	NC	O		NC (Without WMA, MP3 model)		Output : L
45	NC			NC (KDC-8024 only)	②	Output : L
46	NC			NC (KDC-8024 only)	②	Output : L
47	IC2_TYPE0	I	Extra	IC2 destination.	②	
48	IC2_TYPE1	I	Extra	IC2 destination.	②	
49	PAN5V	I/O	Power supply	Panel 5V control.		ON : H, Momentary power dropped : Hi-Z
50	E2P5V	I/O	Power supply	E2PROM, DA converter power supply control.		ON : L, OFF : Hi-Z
51	DSI	I/O	To panel	DSI control.		ON : L, OFF : Hi-Z
52	MC_REQ	O	To panel	Communication request to panel μ-com.		
53	PAN_RST	O	To panel	Reset output to panel μ-com.		Normally : H, Reset, momentary power dropped : L
54	WOW_MODE3	O	Audio	WOW control.	①	
55	BVDD	-				
56	BVSS	-				

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Module	Purpose / Description	Truth table	Processing Operation
57	SC_CON	O	To panel	Panel μ-com control.		Power OFF, ACC OFF : L
58	M_RST	O	CD	Reset output to CD mechanism.		Normally : H, Reset : L (Per mechanism control)
59	M_STOP	O	CD	Stop request to CD mechanism.		Stop : L, CD : H
60	CD_SW3	I	CD	DC down switch detection.		Chucking : H
61	LO/EJ	I/O	CD	CD mechanism loading/eject switch.		Stop, brake : Hi-Z, Loading : L, Eject : H
62	MOSW	O	CD	CD mechanism motor driver switch.		Loading, eject, brake : H
63	FPM MOTOR B	O	P-mecha	FPM mechanism (Slider) control.	③	
64	FPM MOTOR F	O	P-mecha	FPM mechanism (Slider) control.	③	
65	FPM MOTOR O	O	P-mecha	FPM mechanism (Angle) control.	③	
66	FPM MOTOR C	O	P-mecha	FPM mechanism (Angle) control.	③	
67	O_DATA	I/O	Extra	External display data input/output.		External display
68	O_CLK	I/O	Extra	External display clock input/output.		External display
69	O_CE	I/O	Extra	External display chip enable input/output.		External display
70	M_MUTER	I	CD	Mute request form CD mechanism. (R ch).		ON : L (CD)
71	AVDD	-				
72	AVSS	-				
73	AVREF	-		Connect to P_ON (29 pin).		
74	M_MUTEL	I	CD	Mute request form CD mechanism. (L ch).		ON : L (CD)
75	PAN_DET	I	To panel	Panel E2PROM detection.		With : L, Without : H
76	PHONE	I	Extra	PHONE detection.		TEL mute : 1V or less, NAVI mute : 2.5V or more, J type 1V or less, 2.5V or more : NAVI mute
77	FPM SW4	I	P-mecha	FPM mechanism position detection, mechanism detection.	③	3.75V or more : No mechanism, 1.25V or more : H, Less than 1.25V : L
78	FPM SW1	I	P-mecha	FPM mechanism position detection.	③	
79	FPM SW2	I	P-mecha	FPM mechanism position detection.	③	
80	FPM SW3	I	P-mecha	FPM mechanism position detection.	③	
81	FPM PHOUT	I	P-mecha	FPM mechanism position detection.	③	H : 2.2V or more
82	S_METER	I	Tuner	S-meter detection.		Refer to S03 F/E control.
83	NOISE	I	Tuner	FM noise detection.		Refer to S03 F/E control.
84	IFC_OUT	I	Tuner	F/E IFC OUT input.		With station : 2.5V or more, refer to S03 F/E control.
85	NC (POWER_DET)	I	Extra	Power IC DC offset detection.		03 model not used. Connect to GND.
86	NC	O		NC (Except J type)		Output : L
87	R_CLK	I	Tuner	RDS decoder clock input.		
88	LX_REQ_S	I	LX	Receive request from external slave.		Request : L
89	SC_REQ	I	To panel	Communication request from panel μ-com		
90	CD_SW1	I	CD	Loading switch detection.		Loading start power off : L
91	CD_SW2	I	CD	12cm disc detection switch.		12cm disc power off : L
92	R_QUAL	I	Tuner	RDS decoder QUAL input.		
93	R_DATA	I	Tuner	RDS decoder data input.		
94	LX_DATA_S	I	LX	Data input from external slave.		
95	LX_DATA_M	O	LX	Data output to external slave.		
96	LX_CLK	I/O	LX	Clock input/output with external slave.		
97	PAN_RX	I	To panel	Data input from panel μ-com		

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Module	Purpose / Description	Truth table	Processing Operation
98	PAN_TX	O	To panel	Data output to panel μ-com		
99	WOW_MODE1	O	Audio	WOW control.	①	
100	PLL_CLK	I/O	Tuner	Clock input/output with F/E.		

Truth table

① WOW MODE changover operation

MODE	WOW_MODE1	WOW_MODE2	WOW_MODE3	FOCUS
BYPASS	L	L	L	Don't care
TruBass	L	H	L	Don't care
3D-STEREO	L	L	H	Don't care
FOCUS LOW	H	L	L	L (Hi-z)
FOCUS HI	H	L	L	H
WOW LOW	H	H	H	L (Hi-z)
WOW HI	H	H	H	H

② Destination port

MODEL	Destination	DISPLAY	TYPE2	TYPE1	TYPE0
KDC-X969	K	FL	0	0	0
KDC-MP922	K	FL	0	0	1
FX-9000	J	FL	0	1	0
KDC-PSW9524	E	FL	1	0	0
KDC-9023R	M (E)	FL	1	0	1
KDC-X869	K	FL	0	1	1
KDC-8024	E	FL	-	-	-
KDC-MP822	K	LCD	-	0	0
KDC-M7024	E	LCD	-	0	1
FX-5000	J	LCD	-	1	0
KDC-V7022	K	LCD	0	0	0
KDC-X769	K	LCD	0	0	1
KDC-722	K	LCD	0	1	0
KDC-7024 KDC-7024Y	E	LCD	0	1	1
KDC-8023	M (K)	LCD	1	0	0

Note : When FL model using TYPE2, K & J type (with ANT_CON model) : L, E type (without ANT_CON model) : H

Destination(IC2)

	TYPE0	TYPE1
Market model	L	L
Market model CRSC modiification	L	H
OEM model CRSC modification	H	L
OEM model CRSC and de-emphasis modification	H	H

MICROCOMPUTER'S TERMINAL DESCRIPTION

③ FPM MOTOR

Slide		FPM mechanism operation
FPM MOTOR B	FPM MOTOR F	
0	0	Standby
1	0	Backward operation
0	1	Forward operation
1	1	Brake

Angle		FPM mechanism operation
FPM MOTOR O	FPM MOTOR C	
0	0	Standby
1	0	Angle open direction
0	1	Angle close direction
1	1	Brake

● PANEL MICROCOMPUTER 703032BGFA01 (X16-212 : IC5)

Pin No.	Pin Name	I/O	Purpose / Description	Procesing Operation
1	FL DATA1	O	Data output to FL driver.	
2	FL CLK	O	Clock output to FL driver.	Communication speed : 2.5MHz
3	NC	O		Output : L
4	FL DATA2	O	Data output to FL driver.	
5	CLK IN	I	Serial clock input.	Connect to 2 pin (Reset, low current consumption mode : FL CLK output "L").
6	SYS TX	I	Data input from system μ-com.	(Reset, low current consumption mode : System μ-com output "L")
7	SYS RX	O	Data output to system μ-com.	Communication speed : 1.25Mbps
8	NC	O		Output : L
9	Evdd	-	PAN 5V	
10	Evss	-	Vss	
11~13	NC	O		Output : L
14	FL LATCH	O	Latch output to FL driver.	
15	FL GCP	O	Bright control.	
16~19	NC	O		Output : L
20	FL BLK	O	Display switching signal output to FL driver.	H : Display ON, L : Display OFF
21	TEST	I		Connect to GND.
22~25	NC	O		Output : L
26~29	KS1~KS4	I/O	Key scan.	Key scan (Hi-Z/L)
30	REMO ON	I/O	Remote control IC power on/off.	Hi-Z : OFF, L : ON (Time constant check, 500μs)
31	BLUE LED	O	Blue LED ON/OFF.	H : ON, L : OFF
32	RED LED	O	Illumination red changeover.	H : ON, L : OFF
33	GREEN LED	O	Illumination green changeover.	H : ON, L : OFF
34	RESET	I	Reset.	L : Reset, H : Reset cancel

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Purpose / Description	Procesing Operation
35	TX1	-		
36	TX2	-		
37	REGC	-		Connect to 1μF capacitor.
38	X1	-	Main clock.	20MHz
39	X2	-	Main clock.	20MHz
40	Vss	-	Vss	
41	VDD	-	Vdd	
42	CLKOUT	-		
43~47	NC	O		Output : L
48	FL+3.3V	O	FL3.3V ON/OFF.	Hi-Z : OFF, L : ON (Time constant check, 1ms)
49	FL+B	I/O	FL+B ON/OFF.	Hi-Z : OFF, L : ON (Time constant check, 35μs)
50~57	NC	O		Output : L
58	Vdd	-	Vdd	
59	Vss	-	Vss	
60~69	NC	O		Output : L
70	VOLUME B	I	VOL input.	
71	VOLUME A	I	VOL input.	
72	SA RST	O	Spectrum analyzer IC reset.	H : reset, L : Normally
73	AV CONT	O	VREF control.	Operation : H
74	Avdd	-	Vdd	
75	Avss	-	Vss	
76	Avref	-		Connect to 73 pin.
77	F01	I	BPF (63Hz)	
78	F02	I	BPF (150Hz)	
79	F03	I	BPF (330Hz)	
80	F04	I	BPF (1kHz)	
81	F05	I	BPF (3.3kHz)	
82	F06	I	BPF (10kHz)	
83	WAVE IN	I	Audio input.	
84~88	KR5~KR1	I	Key return.	
89	SC REQ	O	Communication request to system μ-com.	H : Request
90	NC(FAC IN)	O		Output : L
91	SC CON	I	Panel μ-com control.	H : Operation
92	OPEN KEY	I	OPEN key input.	H : OFF, L : ON
93	SRC KEY	I	SRC key input.	H : OFF, L : ON
94	NC	O		Output : L
95	MC REQ	I	Communication request from system μ-com.	H : Request (Reset, low current consumption mode : System μ-com output "L")
96	NC	O		Output : L
97~99	NC	O		Output : L (Flash μ-com writing port)
100	NC	O		Output : L

TEST MODE

● How to enter the test mode

While pressing and holding the Preset 1 and Preset 3 keys, reset the unit.

● How to exit from the test mode

While holding the Preset 6 key, reset the unit.
(Note) The test mode cannot be terminated by reset the unit, ACC OFF, power OFF and Panel detached, momentary power down.

● Initial status in the test mode

- Sources : ALL OFF
- Display : All segments are lit.
- Volume : -10 dB (displayed as "30")
- Loudness : OFF
- CRSC : OFF regardless of the presence of switching function.
- SYSTEM Q : Flat
- WOW : All OFF
- BEEP : When pressing any keys, the buzzer generates a beep at any time.
- AUX : ON
- MENU SYSTEM Q : OFF
- Variable model : Default is white
- Multifunction : Source dependency (Preset, SCAN, etc.)

● Special display in Tuner mode

When any of the following messages is displayed in Tuner mode, the F/E may be abnormal.

- "TNE2P NG" : The EEPROM is set to the default (unstable values) because the F/E was shipped without passing through the adjustment process, etc.
- "TNCON NG" : Communication with the F/E is not possible.

● Forced switching of K3I

Each press of the Preset 6 key in Tuner mode should switch K3I from AUTO → Forced Wide → Forced Middle → Forced Narrow → AUTO.
The initial status is AUTO and the display shows these modes as follows.

- AUTO : FMA
- Forced Wide : FMW
- Forced Middle : FMM
- Forced Narrow : FMN

● Test mode specifications of the CD receiver

- Forced ejection is inhibited in the reset start operation. When the unit is reset while a CD is loaded in it, the CD is not recognized by resetting.
- Each press of the Track Up key jumps to the following track numbers:
  No. 9 → No. 15 → No. 10 → No. 11 → No. 12 → No. 13 → No. 22 → No. 14 → No. 9 (The cycle restarts from here.)
- Each press of the Track Down key jumps to the previous track number to the track being played.
- When the number of total trucks of the MP3 disc or the WMA disc is less than 9, 1st truck is played.
- When the disc media is CD, A short press of the Preset 1 key jumps to the track number 28.
- When the model is equipped the CD mechanism assembly adapted for MP3 or MP3/WMA disc, the mechanism name and version number are displayed during the FL model is lower stand and Display mode of LCD model is DNPS.

● Audio-related specifications

- Pressing the ✻ key on the remote initiates the audio adjustment mode.
- BL/F key on the Fader initials.
- Continuous holding of a remote control key is inhibited, and workings are short press of any keys.
- Bass, Middle and Treble are adjusted in 3 steps of -8 / 0 / +8 with the Track Up/Down keys (Default value at 0).
- Balance is adjusted in 3 steps of L15 / 0 / R15 with the Track Up/Down keys (Default value at 0).
- Fader is adjusted in 3 steps of R15 / 0 / F15 with the Track Up/Down keys (Default value at 0).
- HPF is adjusted in 2 steps of OFF / 170Hz (or 220Hz) with the Track Up/Down keys (Default value at OFF).
- LPF is adjusted in 2 steps of OFF / 120Hz with the Track Up/Down keys (Default value at OFF).
- Bass f, Bass Q, Bass EXT, Middle f, Middle Q and Treble f are not dealt with by the audio adjust.
- The WOW key pass during the audio adjustment as following steps.

Order	Mod.			Display
	TruBass	FOCUS	SRS	
①	OFF	OFF	OFF	SRS WOW OFF
②	ON	OFF	OFF	SRS TruBass ON
③	OFF	LOW	OFF	FOCUS LOW
④	OFF	HIGH	OFF	FOCUS HIGH
⑤	OFF	OFF	ON	SRS ON
⑥	ON	HIGH	ON	SRS WOW HIGH

TEST MODE

● Menu-related specifications

- A short press of the Q key initiates the menu mode.
- Pressing the DNPP key on the remote initiates the Menu mode.
- Continuous holding of a remote control key is inhibited, and workings are short press of any keys.
- Contrast is adjusted in 3 steps of 0 / 5 / 10 with the Track Up/Down keys (Default value at 5).

● Backup current measurement

When the unit is reset while ACC is OFF (i.e. by turning Backup ON), the MUTE terminal goes OFF in 2 seconds in place of 15 second. (The CD mechanism is not activated at this time.)

● Special display when the display is all on

Pressing the Preset keys while the power is ALL OFF displays the following information.

[PRESET 1]	Version display (8 digits, Month/Day/Hour/Minute) (Display) SYS xxxxxxxx : System microcomputer PAN xxxxxxxx : FL model only MEM xxxxxxxx : 4 contrasts FL model only
[PRESET 2]	Serial number display (8 digits) (Display) SNo xxxxxxxx
[PRESET 3]	Short press : View power ON time. (The All OFF period is not counted.) 2 seconds long press/hold : Clear power ON time at the power ON time displaying. (Display) PonTim xxxxx Max. 60000 (hours)
[PRESET 4]	Short press : Display CD operation time. 2 seconds long press/hold : Clear CD operation time at the CD operation time displaying. (Display) CDTim xxxxx Max. 60000 (hours)
[PRESET 5]	Short press : Display CD ejection count. 2 seconds long press/hold : Clear CD ejection count at the CD ejection count displaying. (Display) EjeCnt xxxxx Max. 60000 (times)
[PRESET 6]	Short press : Display Panel open/close count. 2 seconds long press/hold : Clear Panel open/close count at the Panel open/close count. (Display) PnCnt xxxxxx Max. 600000 (times)
FM key	Display ROM collection version. (Display) ROM R xxx Invalid : "R – – –"
AM key	Display panel E2PROM condition. (Display) P–ROM OK (Registered code) P–ROM NG (Code is write in error) P–ROM WAIT (Unregistered code) P-ROM NON (Panel security nonfunctional)

● Panel mechanism

- Auto-panel close inhibition when set-in the CD.
- The panel operation inhibition at power ON/OFF and ACC ON/OFF.
- The panel position changing Eject ⟷ Last with a short press of the PLAY/PAUSE keys.

● Other specifications

- No displays such as "CODE OFF/ON" during Power-ON.
- The LINE MUTE inhibition time is one second from 10 seconds when start-up the test mode.
- Do not write the security code with the security jig on the test mode.
- Do not write the serial with the serial writing jig on the test mode.
- OEM display output is not stop if OEM display not connection on the test mode.

● Switching the frequency span (K/M type)

While holding the Preset 1 key and Preset 5 key, reset the unit.

● Response to OEM setting (Destination of electronic volume setting)

S03F/E models are response to OEM models option at put in μ-com 2 pin.

Its setting are following steps.

IC2 TYPE0 (47 pin)	IC2 TYPE1 (48 pin)	Description
Low	Low	① Trade model (Initial quantify)
Low	High	② Trade model (CRSC change)
High	Low	③ OEM model-ready CRSC change
High	High	④ OEM model-ready CRSC & de-emphasis change

● Security-related information

1. Forced Power ON mode (All models)

Even when the security (Cord) is approved, resetting the unit while holding the Q and Preset 4 keys makes it possible to turn the power ON for 30 minutes.

After 30 minutes have elapsed, it is not possible to return to the previous condition unless the unit is reset again. (Security code is do not clear at this mode. Put the power on fill-in.)

TEST MODE

2. Method of registration of the security code after EEPROM (F/E) replacement (Code security model)

1) Enter the test mode. (See How to enter the test mode)
2) Press the MENU key to enter the Menu mode.
3) When the message “Security” is displayed, press and hold the Track Up/Down key for 1 second to enter the security registration mode.
4) Enter the code using the FM/AM/Track Up/Track Down keys.
   FM key : Number up
   AM key : Number down
   Track Up key : Cursor right shift
   Track Down key : Cursor left shift
5) Hold down the Track Up key for at least 3 seconds and the message, “RE-ENTER” appears, so once again enter the code according to Step 4 above.
6) Press and hold the Track Up key for 3 seconds until “APPROVED” is displayed.
7) Exit from the test mode. (See 2. How to exit from the test mode)
   (Note 1) All Clear is not applicable to the security code of this model.
   (Note 2) When the F/E changed, need re-inscription because the panel security is clear.

3. Simple way to clear the security code (K type only)

1) During code request mode, press the Track UP key for at least 3 seconds while holding down the AUTO key. (– – – – will disappear)
2) Enter, “KCAR” with the remote controller as described below.
   • Press the remote controller 5 key twice, and press the Track Up key. (Enters a “K”)
   • Press the remote controller 2 key three times, and press the Track Up key. (Enters a “C”)
   • Press the remote controller 2 key once, and press the Track Up key. (Enters an “A”)
   • Press the remote controller 7 key twice, and press the Track Up key. (Enters an “R”)
3) Security function is canceled and unit sets to All-Off mode.
4) Code request mode appears if a mistake was made in entering the numbers.

4. How to inscription the panel security code

1) Enter the test mode.
2) Pressing the AM key on all lighting, check the “P-ROM WAIT” display.
3) The NEXT key is long press 2 seconds, writing the code.
4) Display is “P-ROM OK”.
5) Exit from the test mode.
   (Note) E2PROM connection is NG when display is “P-ROM NG”, so detach the panel and rewrite after the display is “P-ROM WAIT”. This code can not clear.

● Check the SRAM

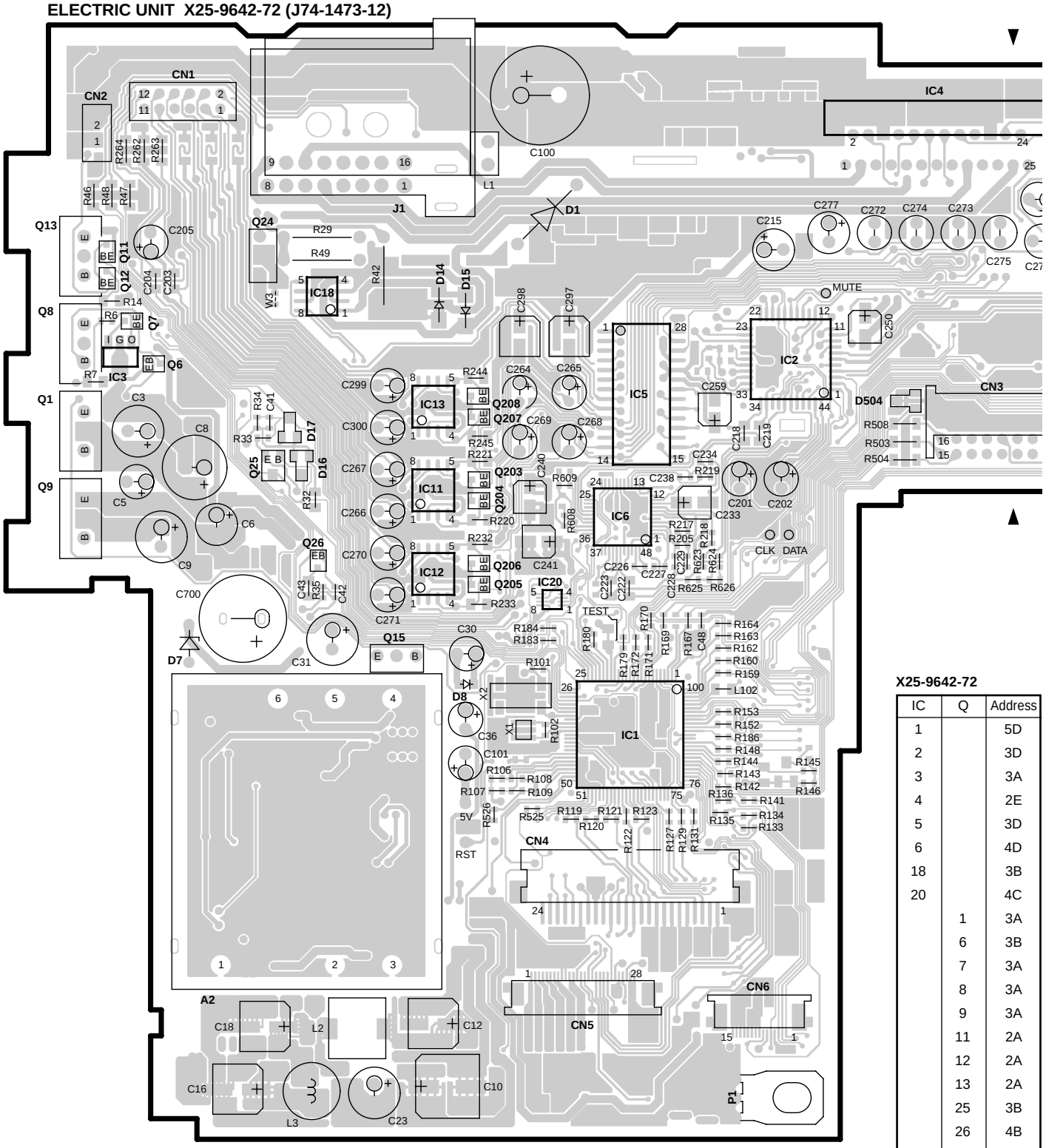
Output (Hi) to the SRAM_CHECK terminal on 101 pin when SRAM is function properly on the panel of 4 gradation FL models.

● Check the Flash ROM

1) Display to the following effect at ALL OFF by assortment system computer and panel for cover the customization model attach the panel with no Flash ROM.
   • Customization system computer + Flash ROM panel : All lighting
   • Non customization system computer + Non Flash ROM panel : All lighting
   • Customization system computer + Non Flash ROM panel : Panel NG
   • Non customization system computer + Flash ROM panel : Panel NG
2) Output (Hi) to the FLASHROM_CHECK terminal on 102 pin when Flash ROM is function properly.
3) Flash ROM data is initialized when pressing the AM key long hold at all lighting.
   Display is “Data Erase ....” in data erasing mode. Do not touch anything this mode. When the data erase completed, display is “Erase OK!!”.
   If display is “Erase NG!!!!!!”, Flash ROM data unable erase for some kind or another factors.
   When same effect as pressing the AM key long hold and data erase once again, Flash ROM is defective.

PC BOARD (COMPONENT SIDE VIEW)

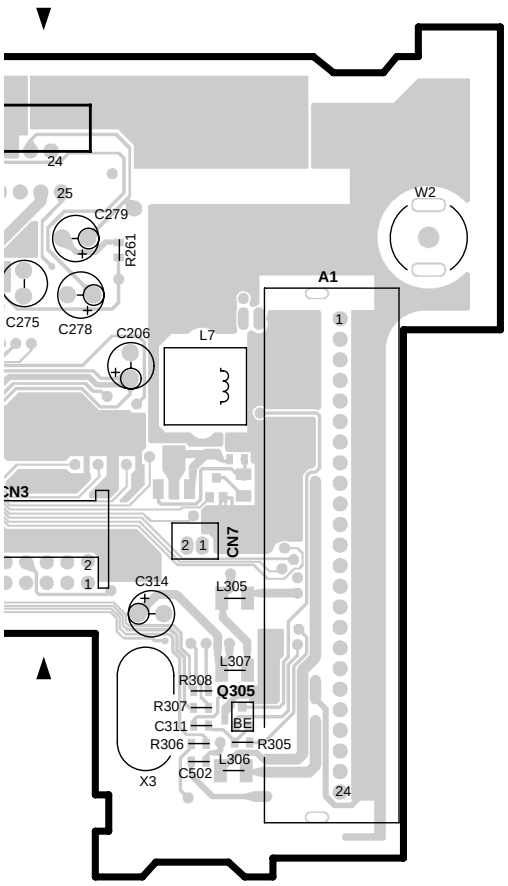
ELECTRIC UNIT X25-9642-72 (J74-1473-12)



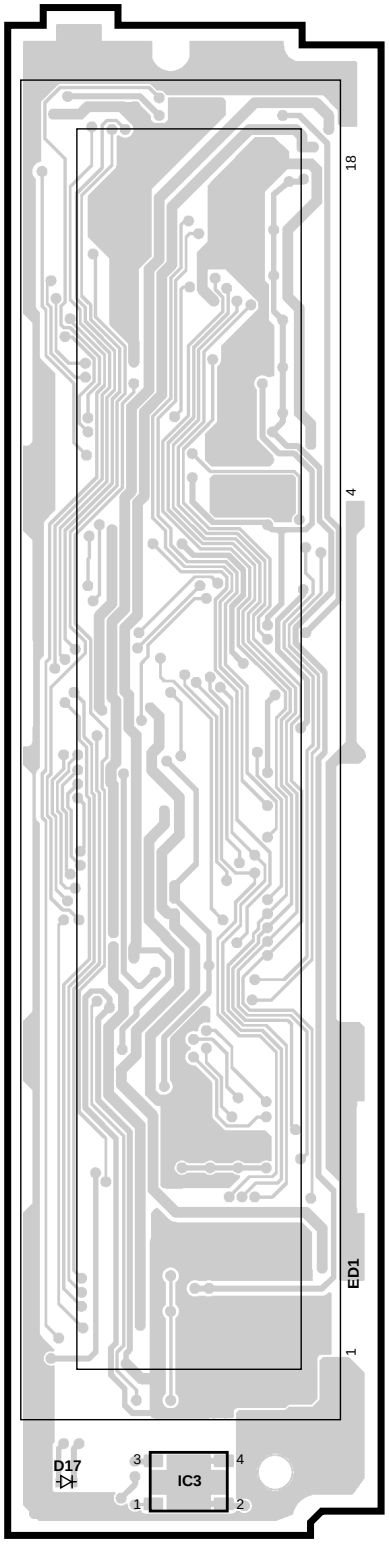
X25-9642-72

IC	Q	Address
1		5D
2		3D
3		3A
4		2E
5		3D
6		4D
18		3B
20		4C
	1	3A
	6	3B
	7	3A
	8	3A
	9	3A
	11	2A
	12	2A
	13	2A
	25	3B
	26	4B
	203	3C
	204	3C
	205	4C
	206	4C
	207	3C
	208	3C
	305	4F

Refer to the schematic diagram for the values of resistors and capacitors.



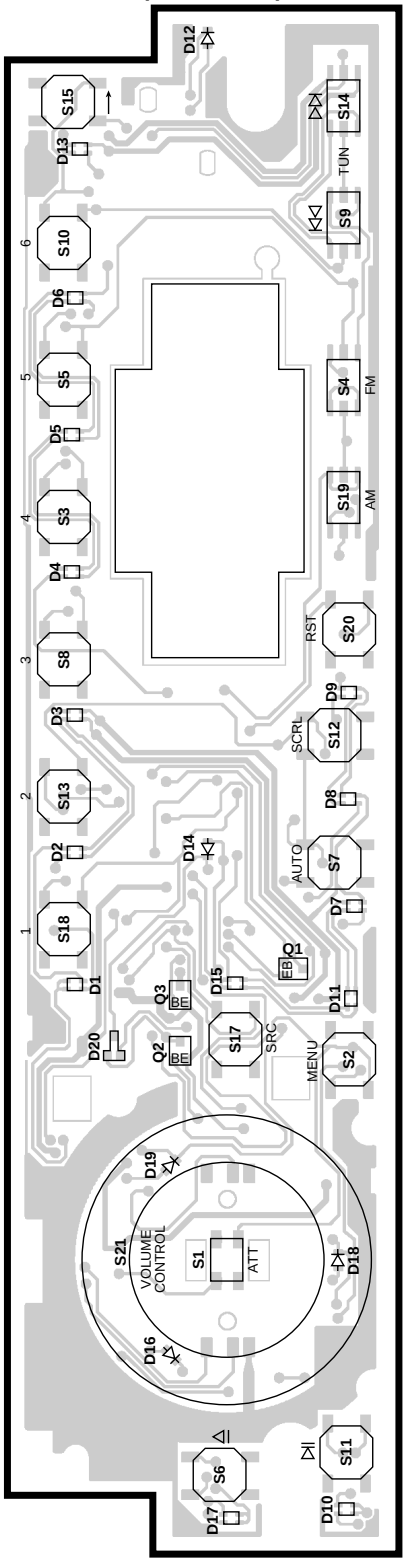
SUB-CIRCUIT UNIT
X16-2120-10 (J74-1478-12)



X16-2120-10

IC	Address
3	6H

SWITCH UNIT
X16-2170-10 (J74-1482-12)

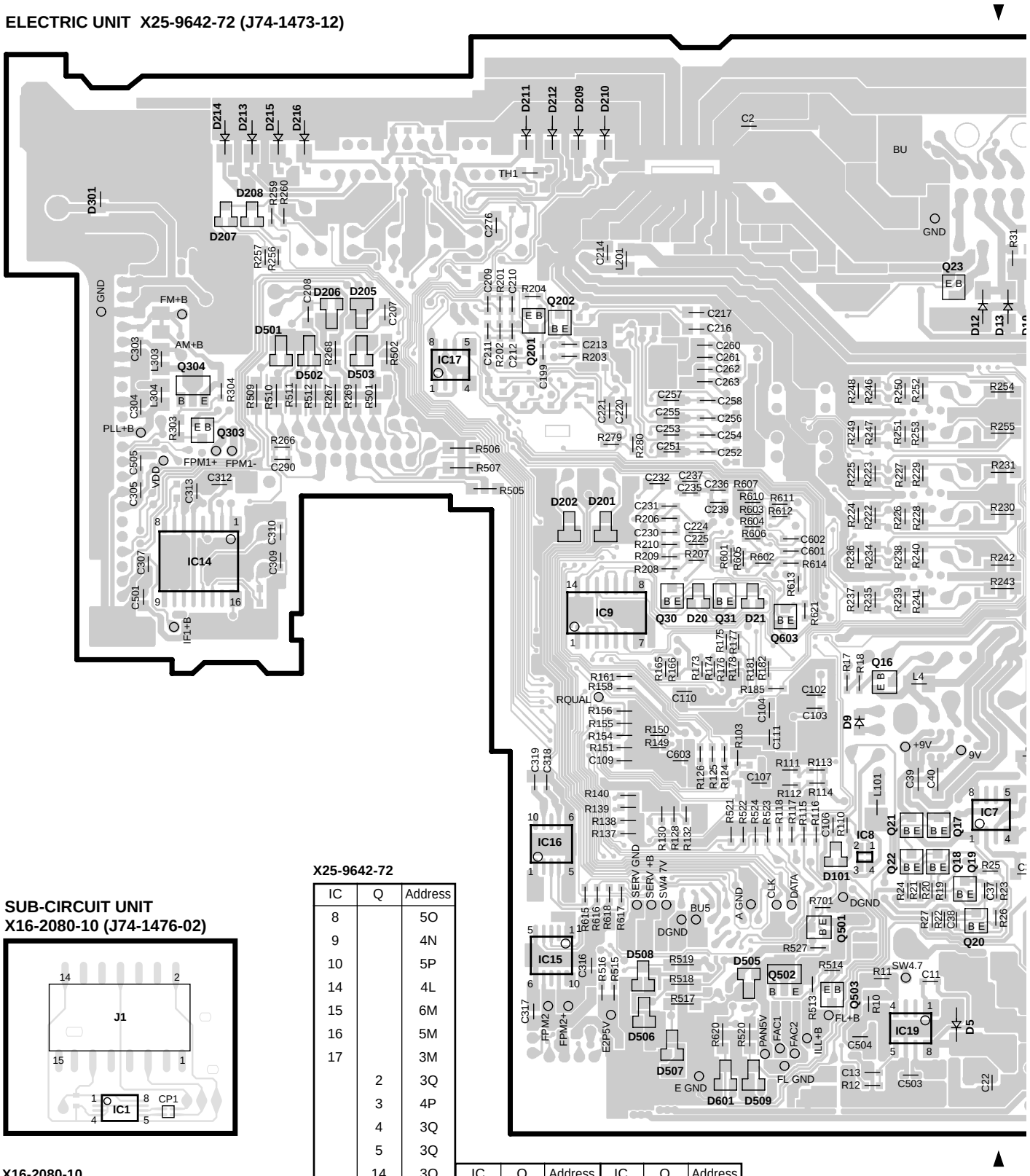


X16-2170-10

Q	Address
1	5J
2	5I
3	5I

PC BOARD (FOIL SIDE VIEW)

ELECTRIC UNIT X25-9642-72 (J74-1473-12)



SUB-CIRCUIT UNIT
X16-2080-10 (J74-1476-02)

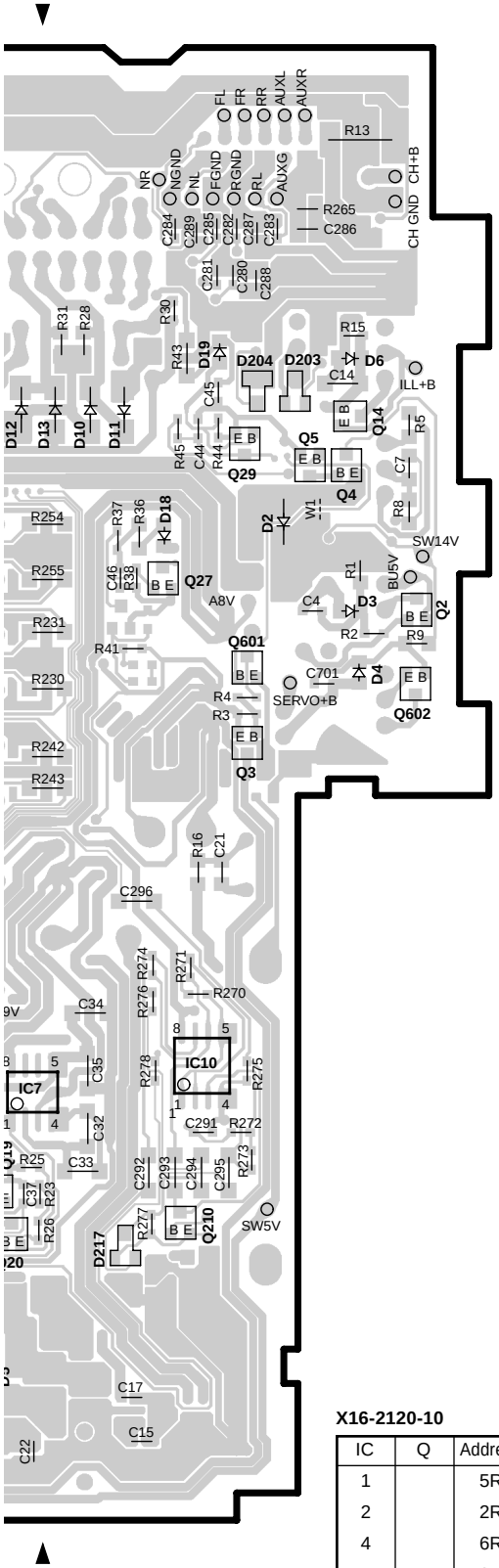
X16-2080-10

IC	Address
1	6K

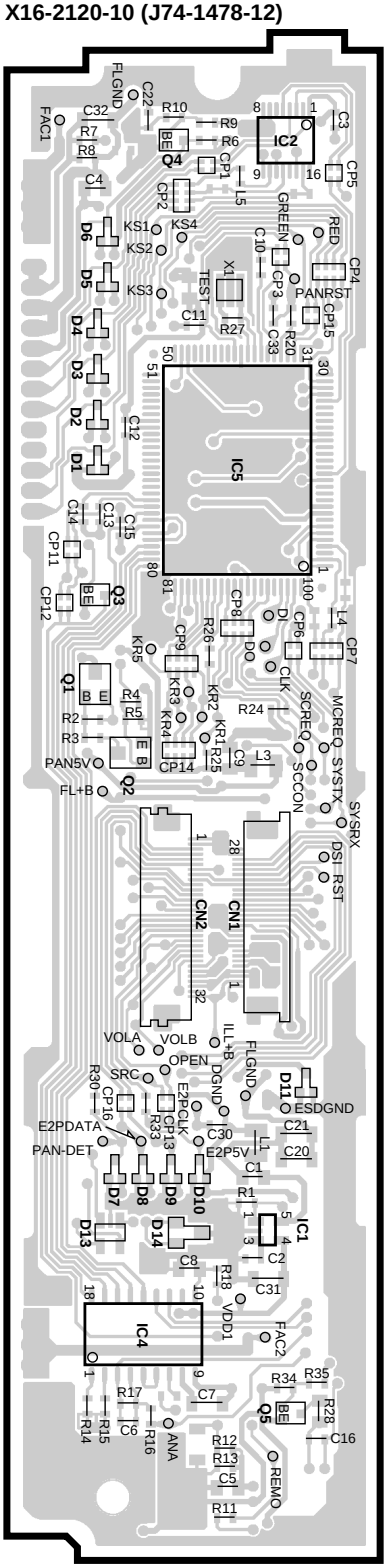
X25-9642-72

IC	Q	Address
8		5O
9		4N
10		5P
14		4L
15		6M
16		5M
17		3M
	2	3Q
	3	4P
	4	3Q
	5	3Q
	14	3Q
	27	3P
	29	3P
	30	4N
	31	4N
	201	3M

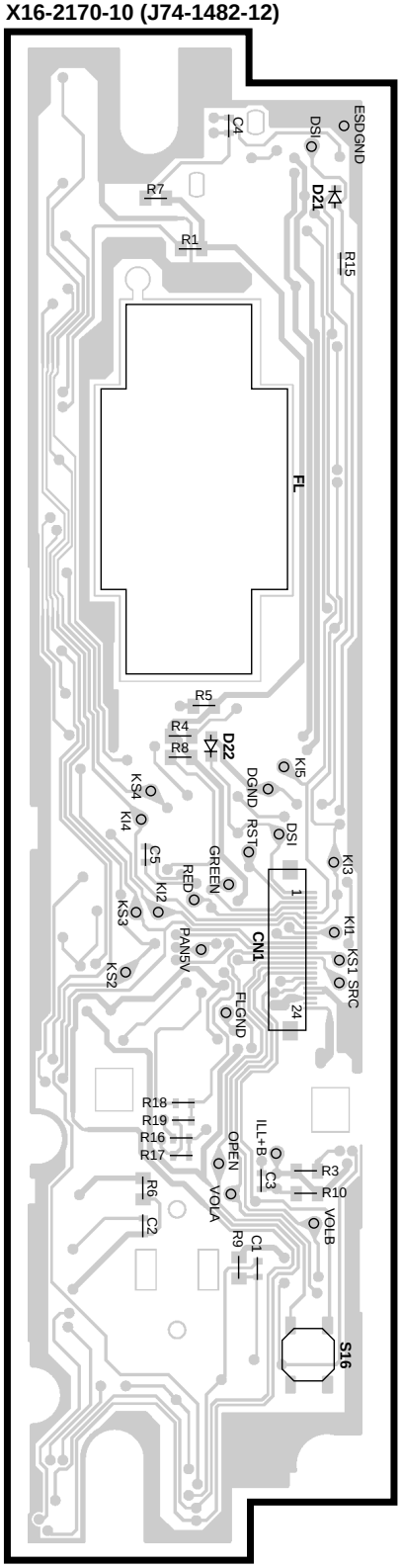
IC	Q	Address	IC	Q	Address
	202	3M		502	6N
	210	5P		503	6O
	303	3L		601	3P
	304	3L		602	4Q
	501	5O		603	4N



SUB-CIRCUIT UNIT
X16-2120-10 (J74-1478-12)



SWITCH UNIT
X16-2170-10 (J74-1482-12)



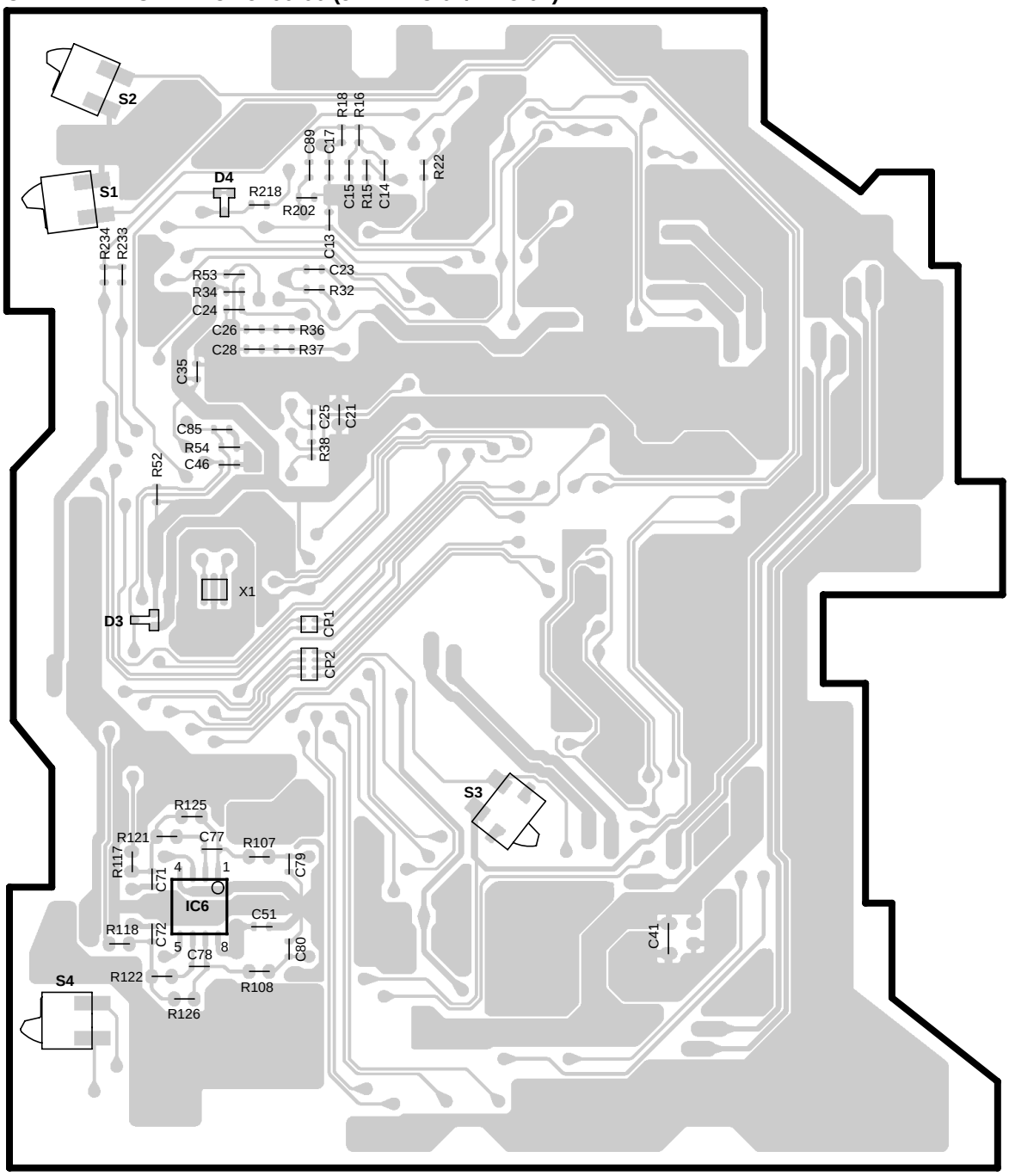
X16-2120-10

IC	Q	Address
1		5R
2		2R
4		6R
5		3R
	1	4R
	2	4R
	3	3R
	4	2R
	5	6R

Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (COMPONENT SIDE VIEW)

CD PLAYER UNIT X32-5200-00 (J74-1243-02/1245-02)



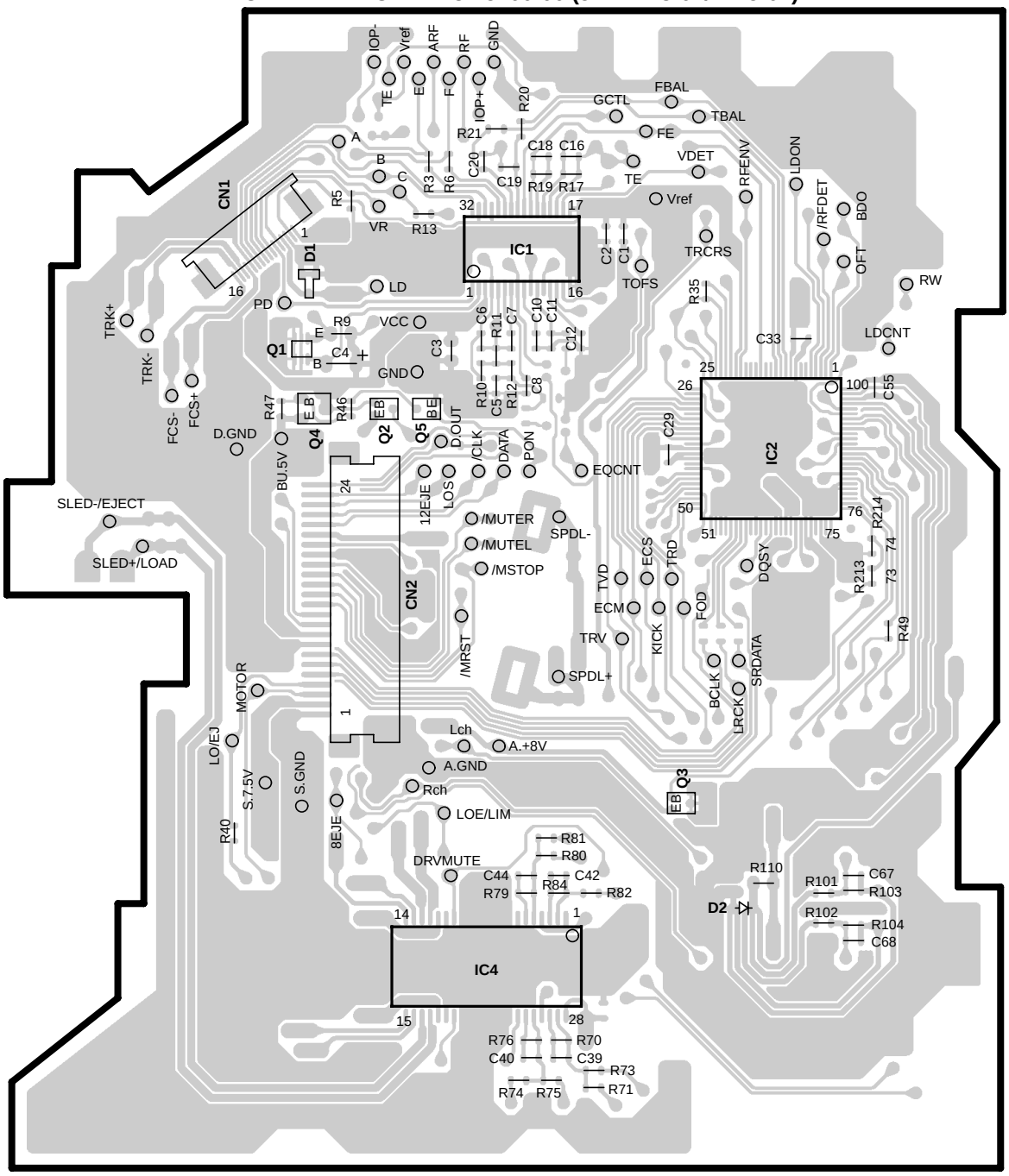
X32-5200-00

IC	Address
6	5V

Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (FOIL SIDE VIEW)

CD PLAYER UNIT X32-5200-00 (J74-1243-02/1245-02)



X32-5200-00

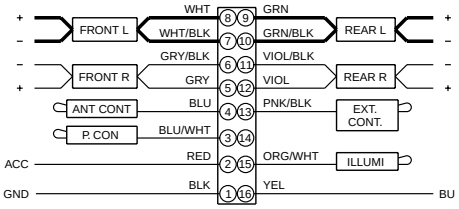
IC	Q	Address	IC	Q	Address
1		2AB		2	3AA
2		3AC		3	4AB
4		5AB		4	3AA
	1	3AA		5	3AA

Refer to the schematic diagram for the values of resistors and capacitors.

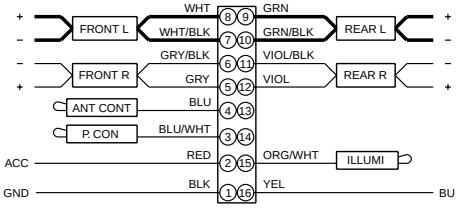
KDC-8024

(X25-964X-XX)

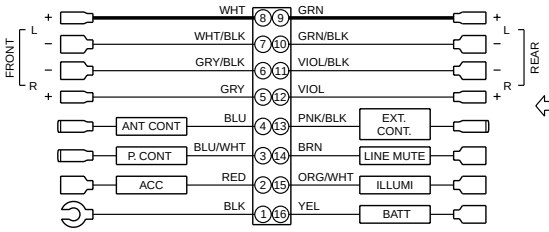
MODEL NAME	UNIT No.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	ⒻⒼⒽⓁ	Ⓘ	ⒿⓀ	Ⓜ	A1 (X86-373X-XX)
KDC-X969	0-10	YES	YES	YES	YES	NO	YES	NO	YES	YES	0-11
KDC-X869	0-11	YES	YES	YES	YES	NO	YES	NO	YES	YES	0-11
KDC-MP922	0-12	YES	YES	YES	NO	NO	YES	NO	YES	YES	0-11
FX-9000	0-01	YES	NO	YES	YES	YES	NO	NO	NO	YES	0-01
KDC-PSW9524	2-71	YES	YES	NO	YES	YES	YES	YES	YES	NO	2-70
KDC-8024	2-72	NO	NO	NO	YES	YES	NO	YES	YES	NO	2-70
KDC-9023R	0-21	YES	YES	NO	YES	YES	YES	NO	YES	YES	2-70



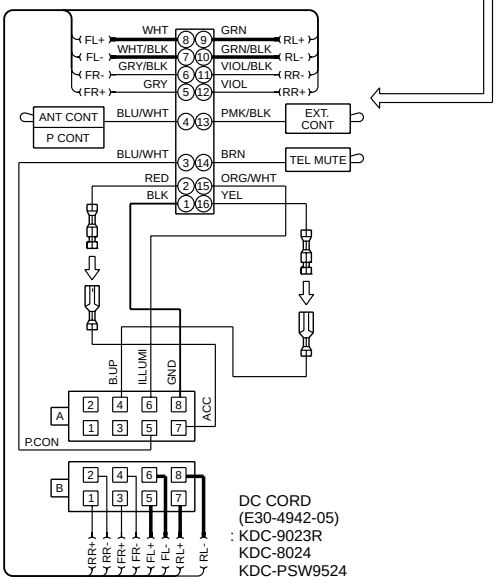
DC CORD
(E30-6062-05) : KDC-X969/869



DC CORD
(E30-6106-05) : KDC-MP922
KDC-V7022
KDC-722

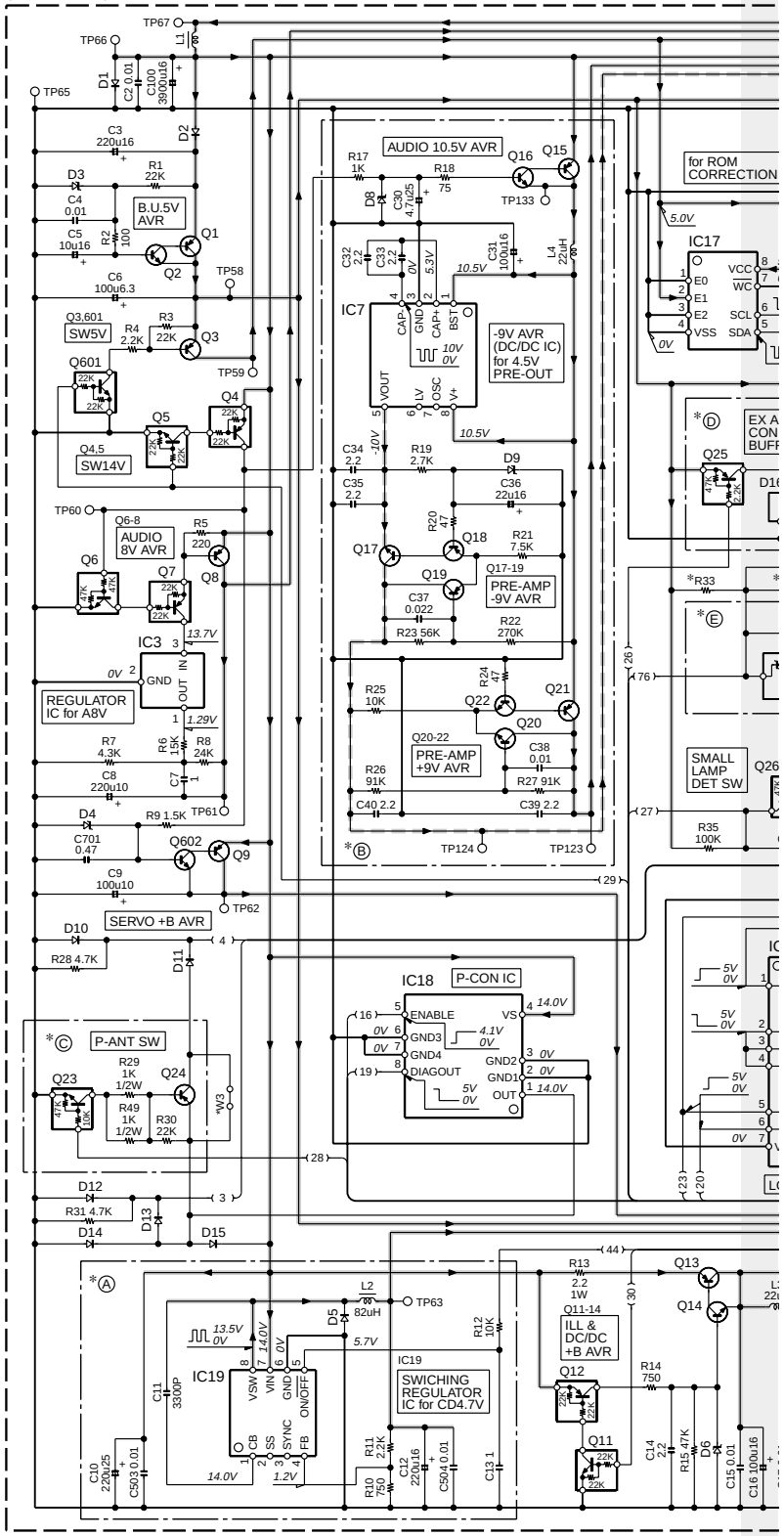


DC CORD
(E30-6061-05) : FX-9000



DC CORD
(E30-4942-05)
: KDC-9023R
KDC-8024
KDC-PSW9524

(X25-964X-XX)



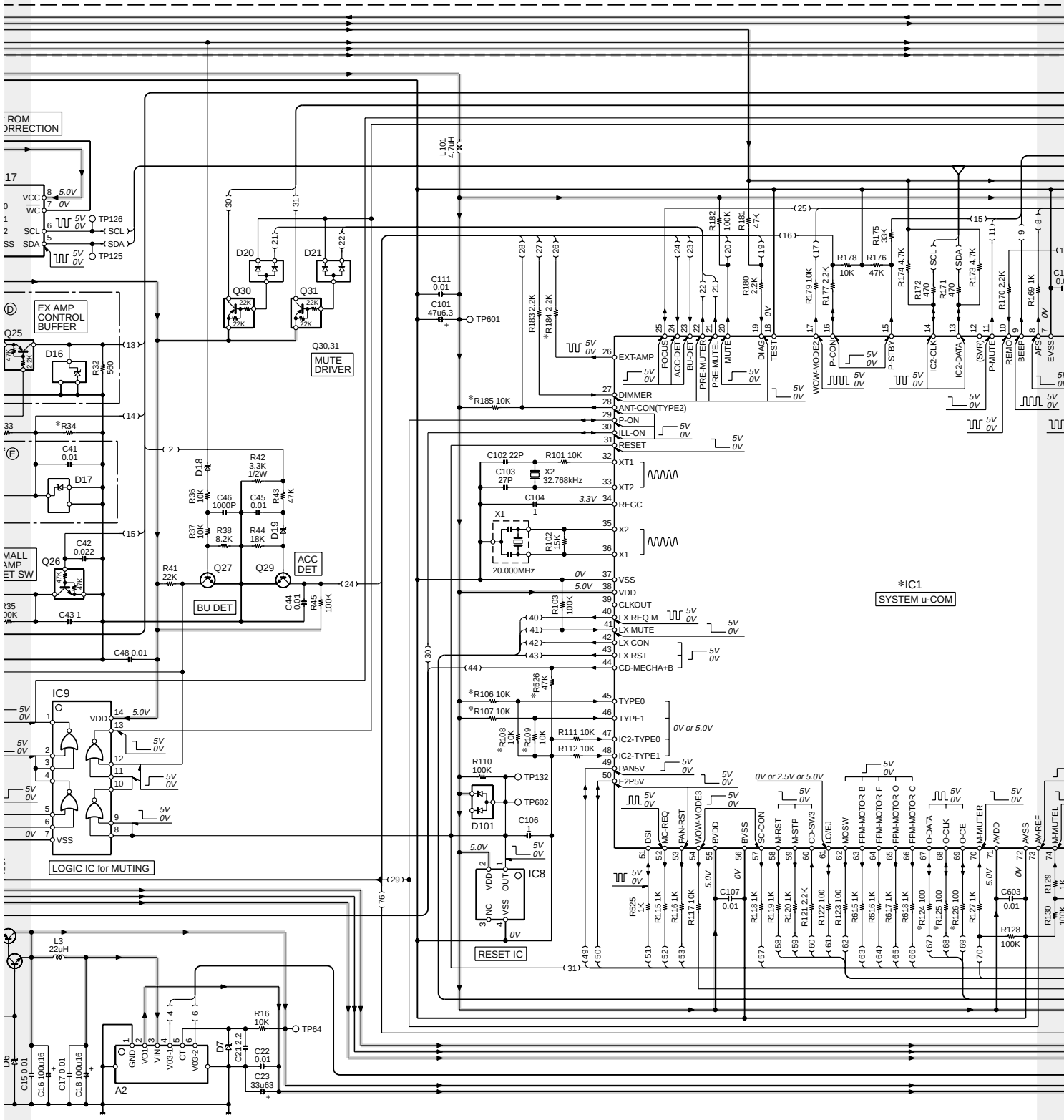
CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units

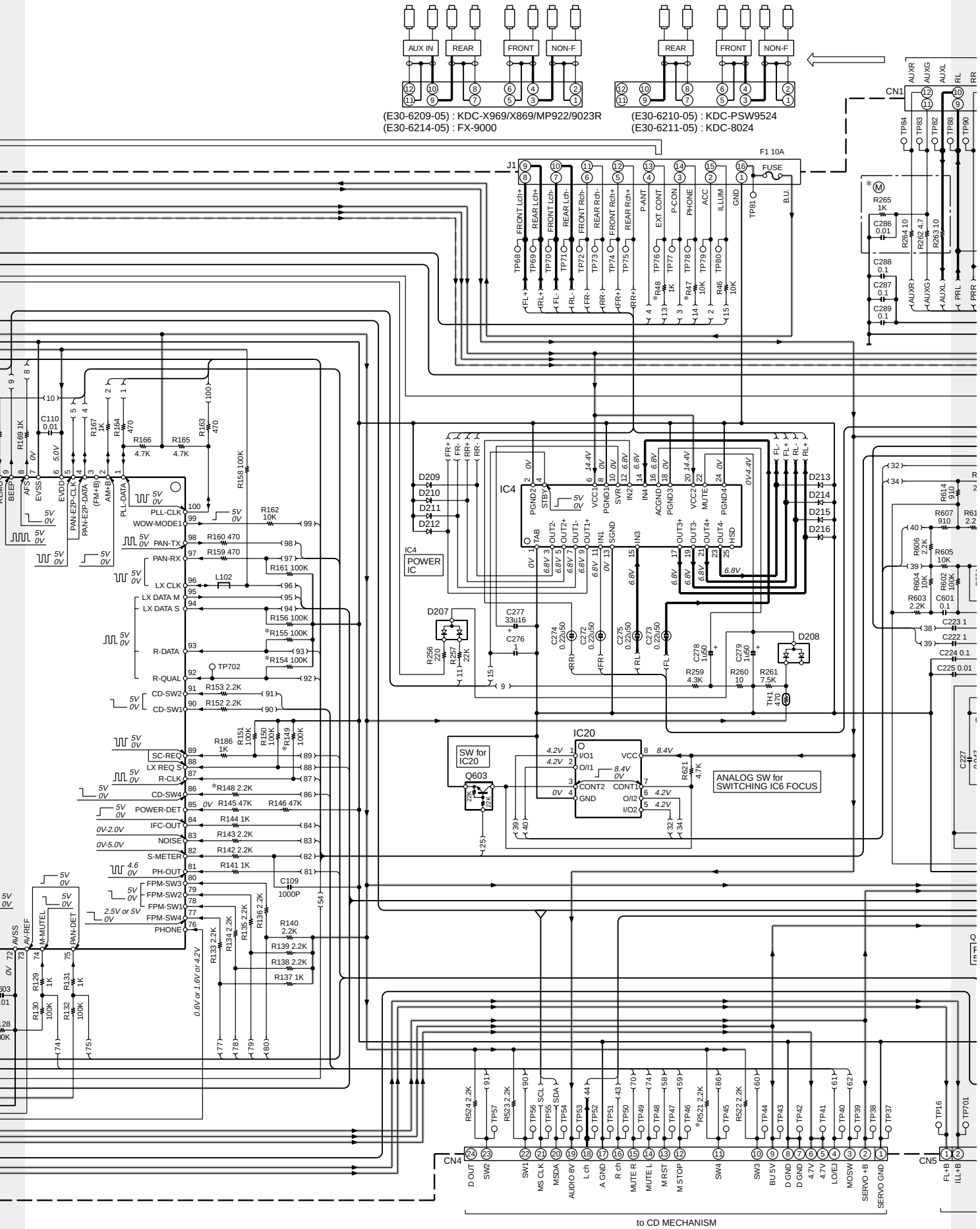
KDC-8024

(X25-964X-XX)

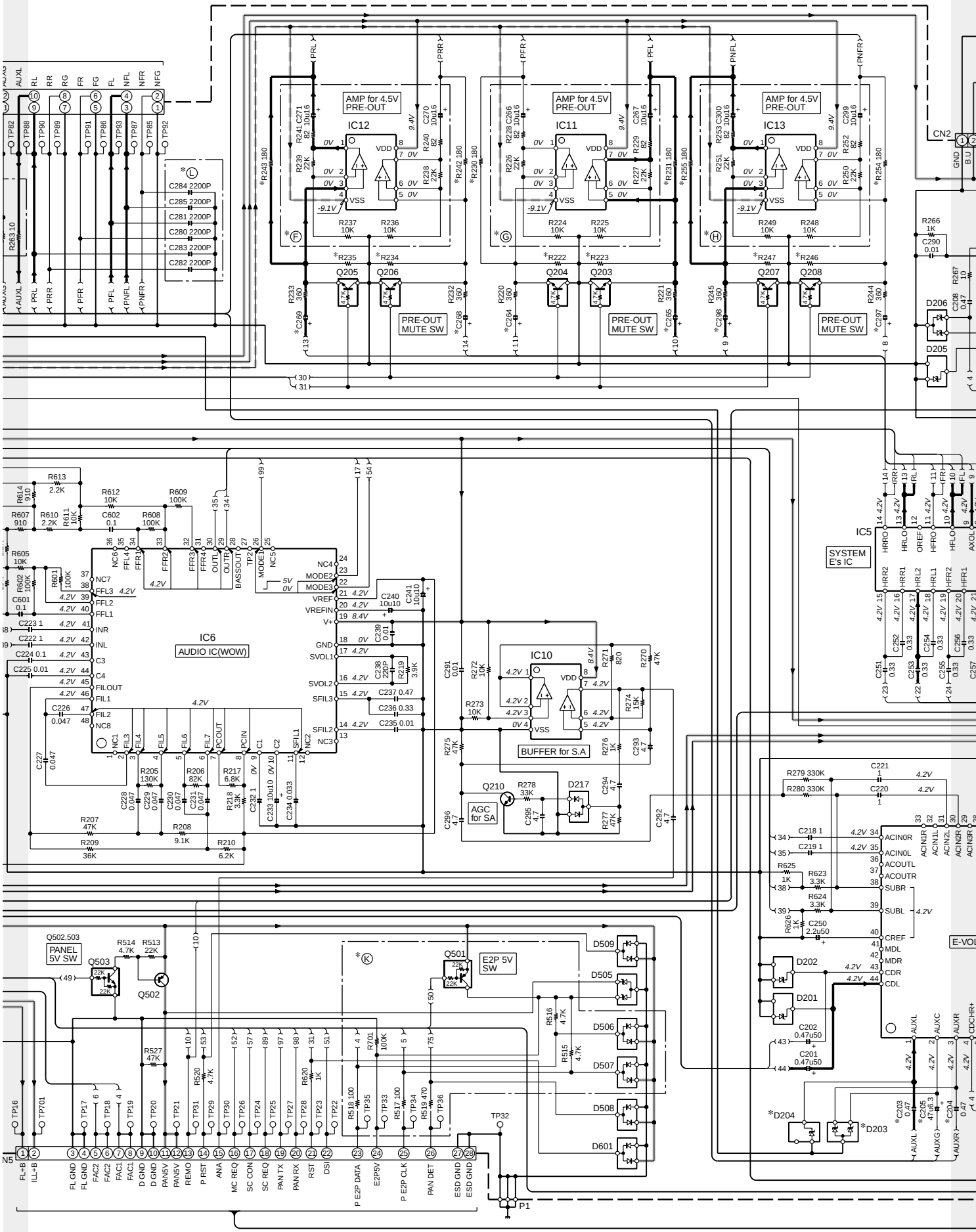
MODEL NAME	UNIT No.	C203-205	C264,265,268, 269,297,298	C501	C502	C505	D203, 204	IC1 (703033BGCXXX)	R33	R34	R47	R48, 184	R106	R107	R108	R109	R124-126	R148,149, 154,155,521	R185	R222,223,234, 235,246,247	R230,231,242, 243,254,255	R526	W3
KDC-X969	0-10	YES	22u16	NO	YES	NO	YES	020	NO	100K	NO	YES	NO	NO	YES	YES	NO	NO	NO	2.2K	NO	YES	NO
KDC-X869	0-11	YES	22u16	NO	YES	NO	YES	020	NO	100K	NO	YES	YES	YES	NO	NO	NO	NO	NO	2.2K	NO	YES	NO
KDC-MP922	0-12	YES	22u16	NO	YES	NO	YES	020	NO	100K	NO	NO	YES	NO	NO	YES	NO	NO	NO	2.2K	NO	YES	NO
FX-9000	0-01	YES	10u16	NO	NO	YES	YES	020	100K	47K	YES	YES	NO	YES	YES	NO	NO	YES	NO	22K	YES	YES	NO
KDC-PSW9524	2-71	NO	22u16	YES	YES	NO	NO	020	47K	22K	YES	YES	NO	NO	YES	YES	NO	YES	NO	2.2K	NO	YES	YES
KDC-8024	2-72	NO	10u16	YES	YES	NO	NO	021	47K	22K	YES	YES	NO	NO	NO	NO	YES	NO	NO	22K	YES	NO	YES
KDC-9023R	0-21	YES	22u16	YES	YES	NO	YES	020	47K	22K	YES	YES	YES	NO	NO	YES	NO	NO	YES	2.2K	NO	YES	YES



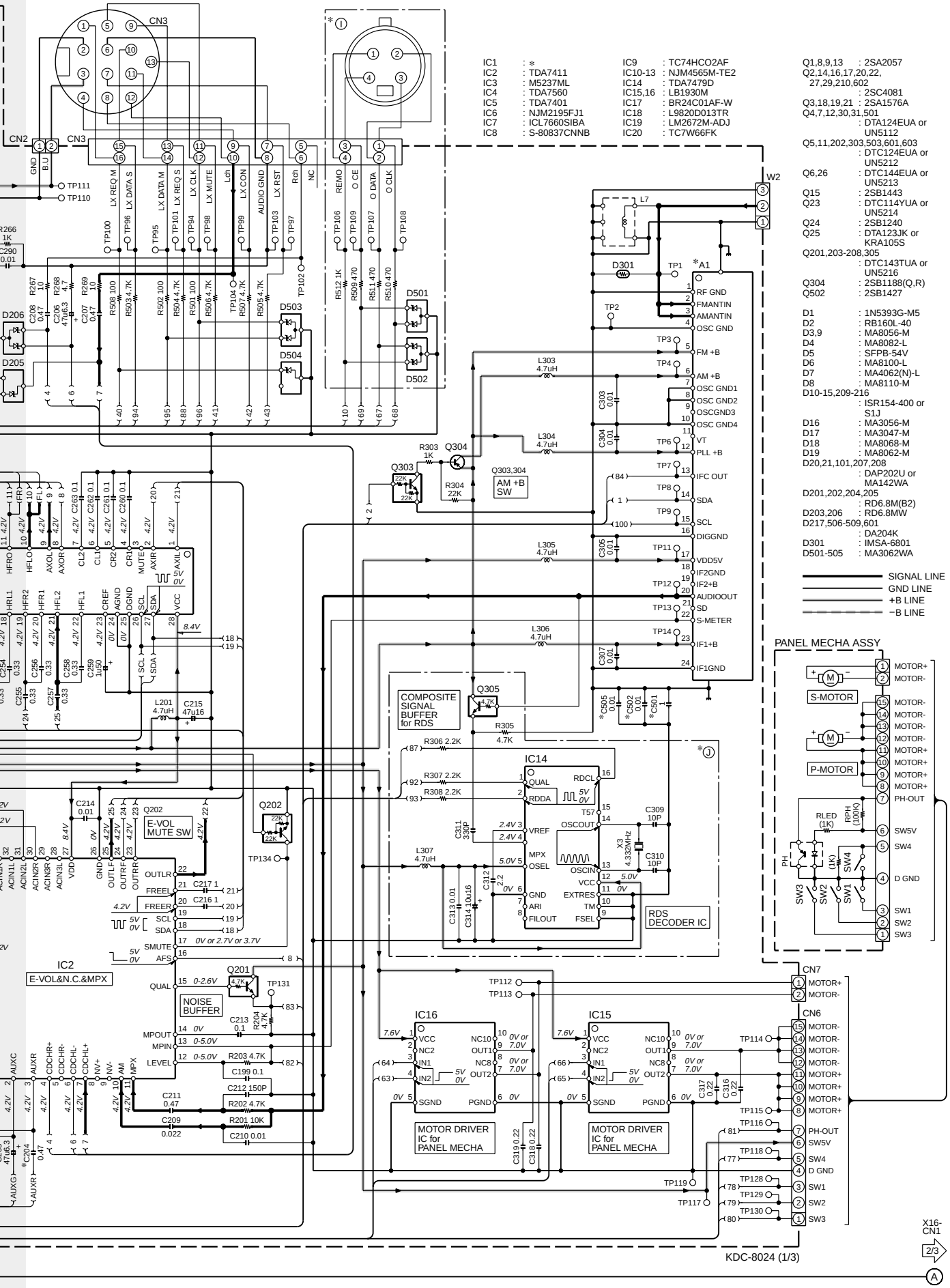
KDC-8024

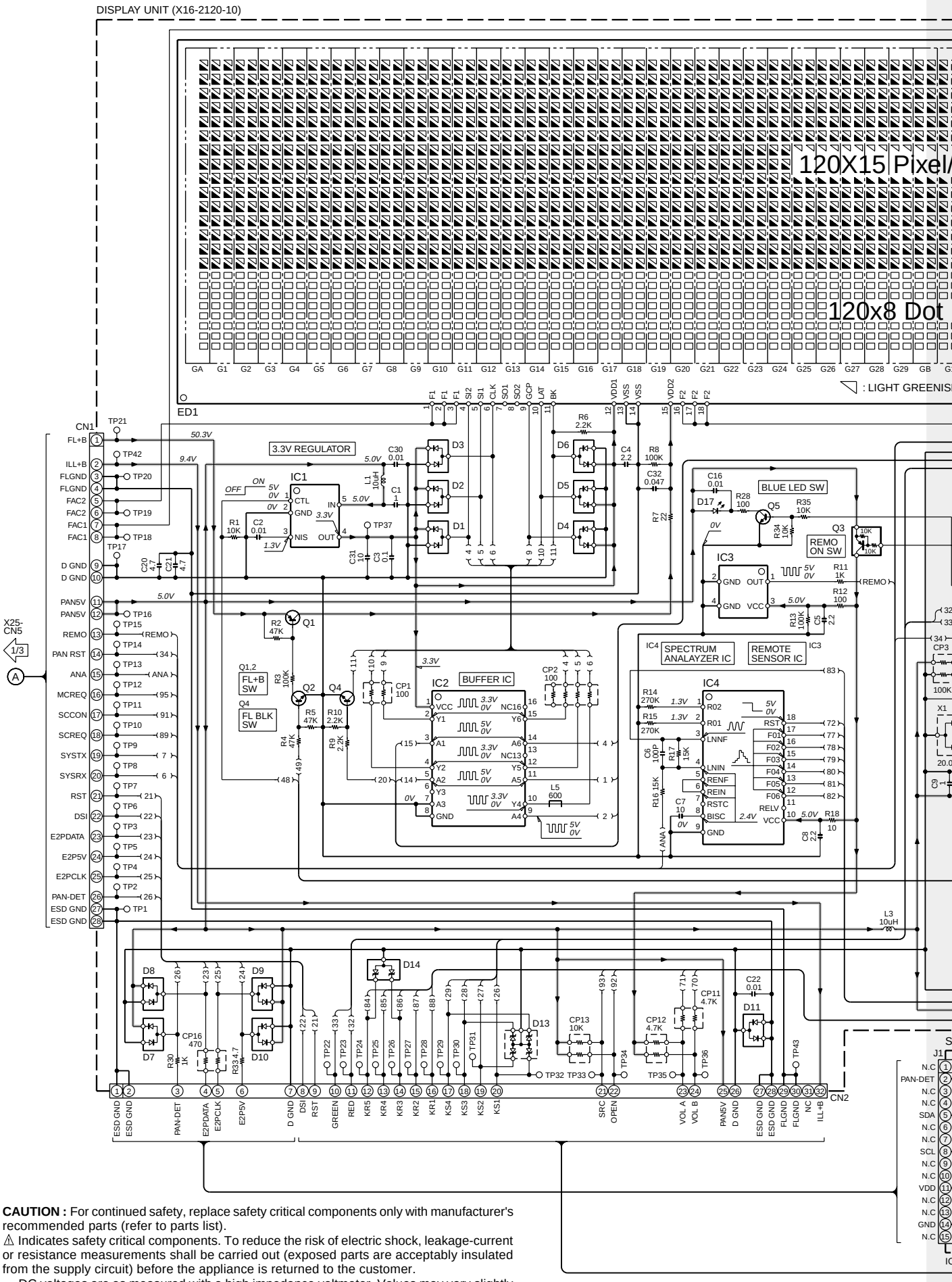

AUX IN
REAR
FRONT
NON-F
(E30-6209-05) : KDC-X969/X869/MP922/9023R
(E30-6214-05) : FX-9000
REAR
FRONT
NON-F
(E30-6210-05) : KDC-PSW9524
(E30-6211-05) : KDC-8024
CN1
J1
F1 10A
FUSE
B.U.
FRONT Lch+
REAR Lch+
FRONT Lch-
REAR Lch-
FRONT Rch-
REAR Rch-
FRONT Rch+
REAR Rch+
P-ANT
EXT CONT
P-CON
PHONE
ACC
ILLUM
GND
IC4
POWER IC
IC20
SW for IC20
Q603
ANALOG SW for SWITCHING IC6 FOCUS
CN4
CN5
to CD MECHANISM

KDC-8024


IC12
IC11
IC13
AMP for 4.5V PRE-OUT
PRE-OUT MUTE SW
Q205
Q206
Q204
Q203
Q207
Q208
IC6
AUDIO IC(WOW)
IC10
BUFFER for S.A
AGC for SA
Q210
D217
IC5
SYSTEM E's IC
PANEL 5V SW
Q503
Q502
Q501
E2P 5V SW
D509
D505
D506
D507
D508
D601
D202
D201
D204
D203
CN2
P1
E-VOL

KDC-8024


IC1 : *
IC2 : TDA7411
IC3 : M5237ML
IC4 : TDA7560
IC5 : TDA7401
IC6 : NJM2195FJ1
IC7 : ICL7660SIBA
IC8 : S-80837CNNB
IC9 : TC74HCO2AF
IC10-13 : NJM4565M-TE2
IC14 : TDA7479D
IC15,16 : LB1930M
IC17 : BR24C01AF-W
IC18 : L9820D013TR
IC19 : LM2672M-ADJ
IC20 : TC7W66FK
Q1,8,9,13 : 2SA2057
Q2,14,16,17,20,22, 27,29,210,602 : 2SC4081
Q3,18,19,21 : 2SA1576A
Q4,7,12,30,31,501 : DTA124EUA or UN5112
Q5,11,202,303,503,601,603 : DTC124EUA or UN5212
Q6,26 : DTC144EUA or UN5213
Q15 : 2SB1443
Q23 : DTC114YUA or UN5214
Q24 : 2SB1240
Q25 : DTA123JK or KRA105S
Q201,203-208,305 : DTC143TUA or UN5216
Q304 : 2SB1188(Q,R)
Q502 : 2SB1427
D1 : 1N5393G-M5
D2 : RB160L-40
D3,9 : MA8056-M
D4 : MA8082-L
D5 : SFPB-54V
D6 : MA8100-L
D7 : MA4062(N)-L
D8 : MA8110-M
D10-15,209-216 : ISR154-400 or S1J
D16 : MA3056-M
D17 : MA3047-M
D18 : MA8068-M
D19 : MA8062-M
D20,21,101,207,208 : DAP202U or MA142WA
D201,202,204,205 : RD6.8M(B2)
D203,206 : RD6.8MW
D217,506-509,601 : DA204K
D301 : IMSA-6801
D501-505 : MA3062WA
SIGNAL LINE
GND LINE
+B LINE
−B LINE
PANEL MECHA ASSY
S-MOTOR
P-MOTOR
MOTOR+
MOTOR-
PH-OUT
SW5V
SW4
D GND
SW1
SW2
SW3
RLED (1K)
RPH (100K)
PH
CN1
CN2
CN3
CN6
CN7
W2
A1
IC14
IC15
IC16
IC2
E-VOL&N.C.&MPX
RDS DECODER IC
MOTOR DRIVER IC for PANEL MECHA
COMPOSITE SIGNAL BUFFER for RDS
NOISE BUFFER
E-VOL MUTE SW
AM +B SW
Q303,304
Q305
Q201
Q202
Q303
Q304
D206
D205
D501
D502
D503
D504
L201 4.7uH
L215 47u16
L303 4.7uH
L304 4.7uH
L305 4.7uH
L306 4.7uH
L307 4.7uH
X3 4.332MHz
TP111
TP110
TP100
TP96
TP95
TP101
TP94
TP98
TP99
TP103
TP97
TP102
TP104
TP106
TP109
TP107
TP108
TP105
TP1
TP2
TP3
TP4
TP6
TP7
TP8
TP9
TP11
TP12
TP13
TP14
TP134
TP131
TP112
TP113
TP114
TP115
TP116
TP118
TP119
TP128
TP129
TP130
TP117
LX REQ M
LX DATA S
LX DATA M
LX REQ S
LX CLK
LX MUTE
Lch
LX CON
AUDIO GND
LX RST
Rch
NC
REMO
O CE
O DATA
O CLK
RF GND
FMANTIN
AMANTIN
OSC GND
FM +B
AM +B
OSC GND1
OSC GND2
OSCGND3
OSC GND4
VT
PLL +B
IFC OUT
SDA
SCL
DIGGND
VDD5V
IF2GND
IF2+B
AUDIOOUT
SD
S-METER
IF1+B
IF1GND
KDC-8024 (1/3)
X16-CN1
2/3
A



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⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

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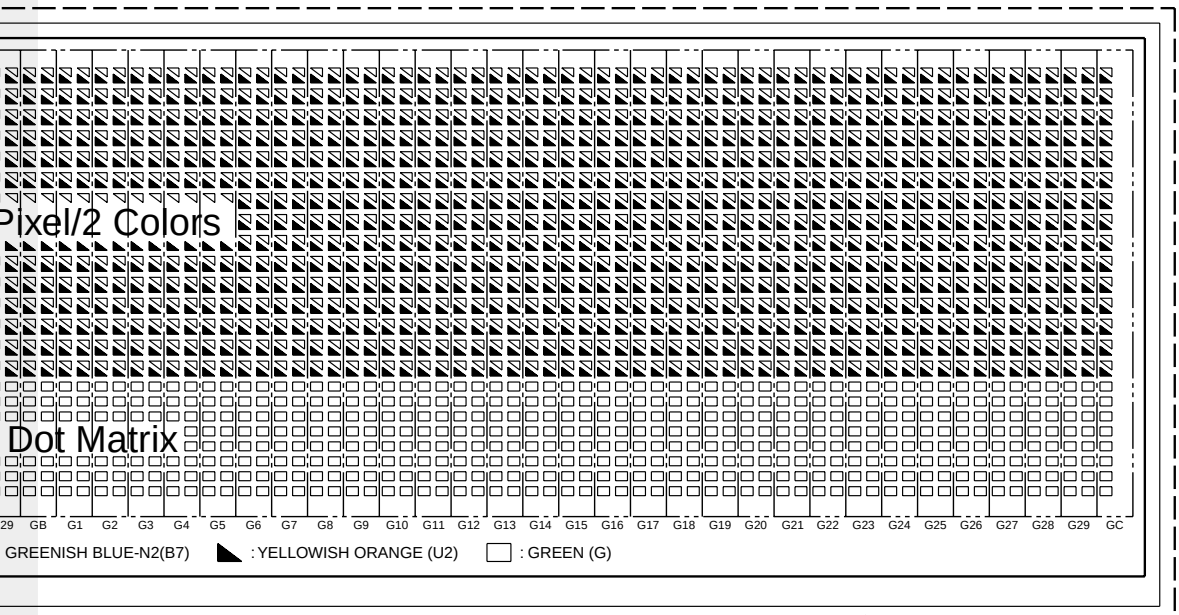
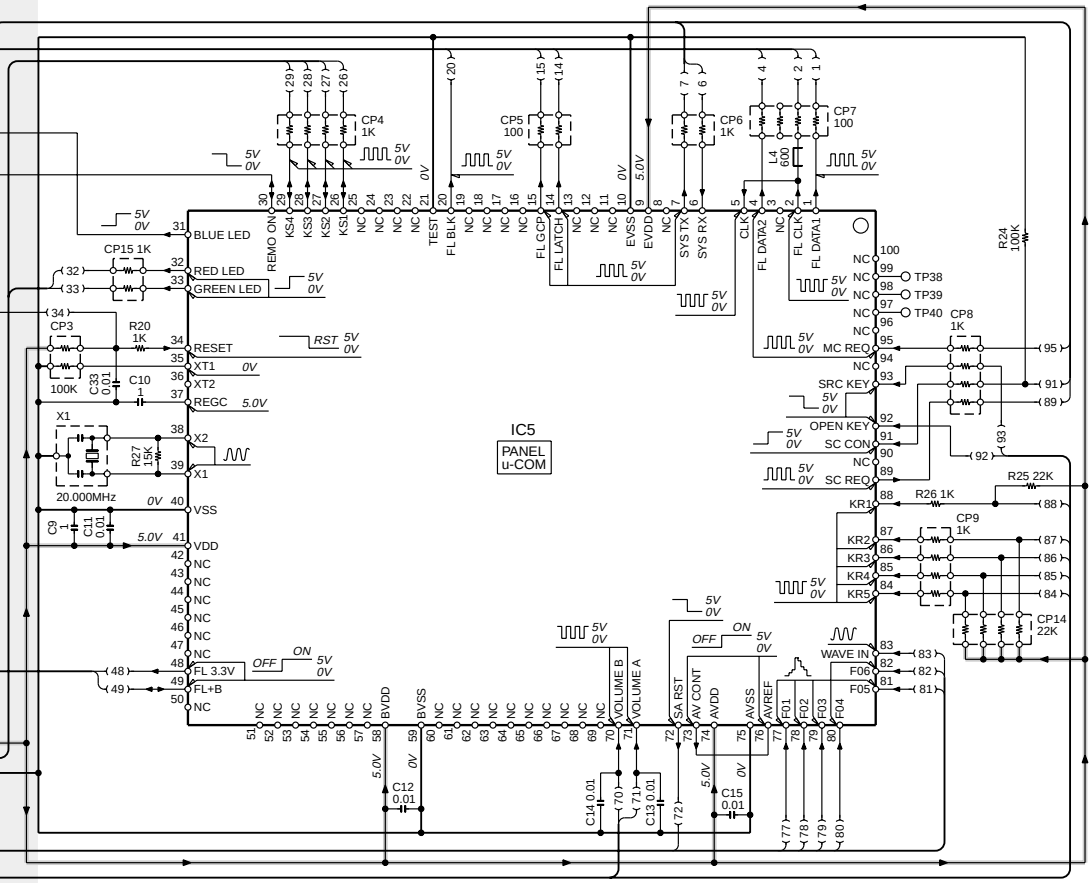
KDC-8024

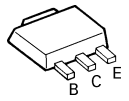




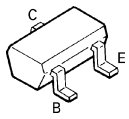
KDC-8024 (2/3)

DTA123JK
DTC143TUA
UN5111
UN5213
UN5216
2SA1163
2SA1362
2SA1576A
2SC2713

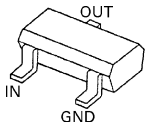
2SB1188



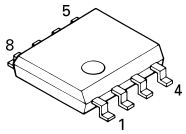
2SC4081



DTA114EUA
DTA124EUA
DTC124EUA
DTC144EUA



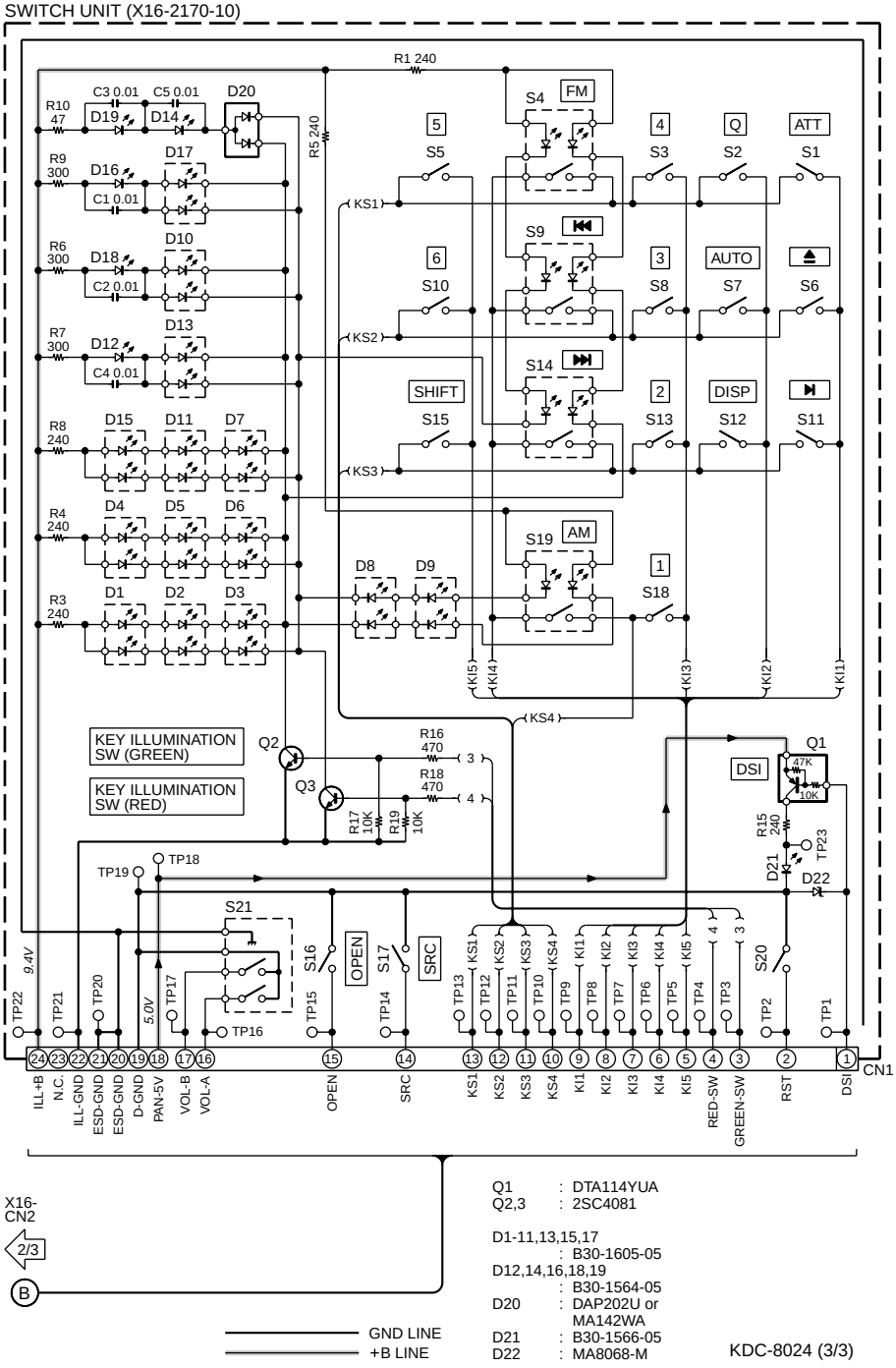
NJM4565M-TE2



DAN202U

DAP202U
DA204K
DA204U
DTA114YUA

SWITCH UNIT (X16-2170-10)



X16-CN2 2/3 B

Q1 : DTA114YUA
Q2,3 : 2SC4081

D1-11,13,15,17 : B30-1605-05
D12,14,16,18,19 : B30-1564-05
D20 : DAP202U or MA142WA
D21 : B30-1566-05
D22 : MA8068-M

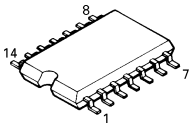
GND LINE
+B LINE

KDC-8024 (3/3)

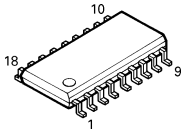
MA142WA
UN5212

RD6.8M

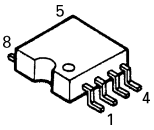
TC74HC02AF



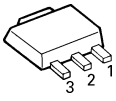
BA3830F



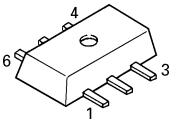
BR24C01AF-W



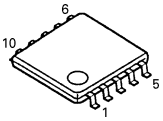
M5237ML



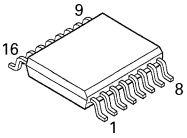
MCH6101



LB1930M



TC74HC4050AFT
TDA7479D



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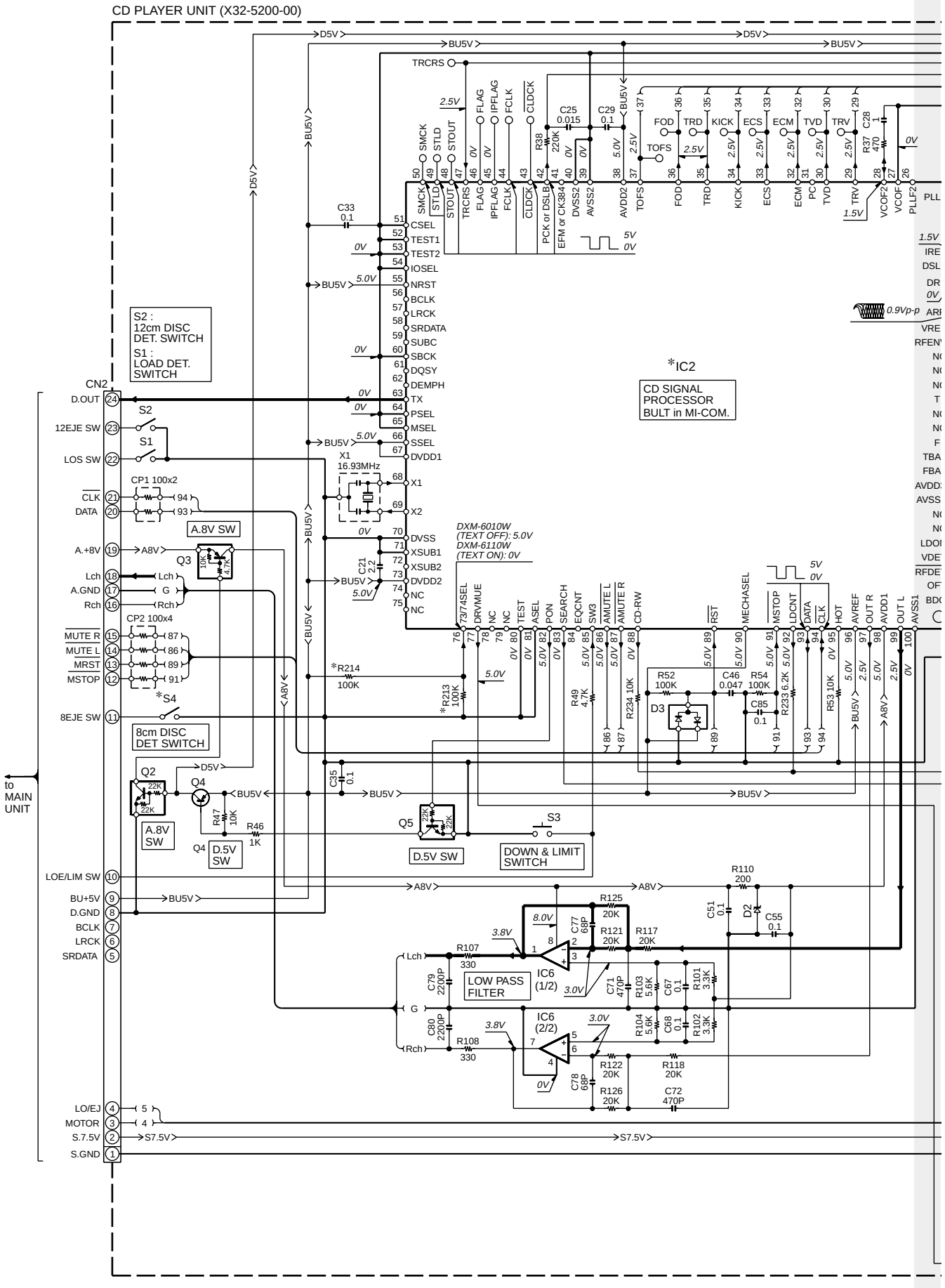
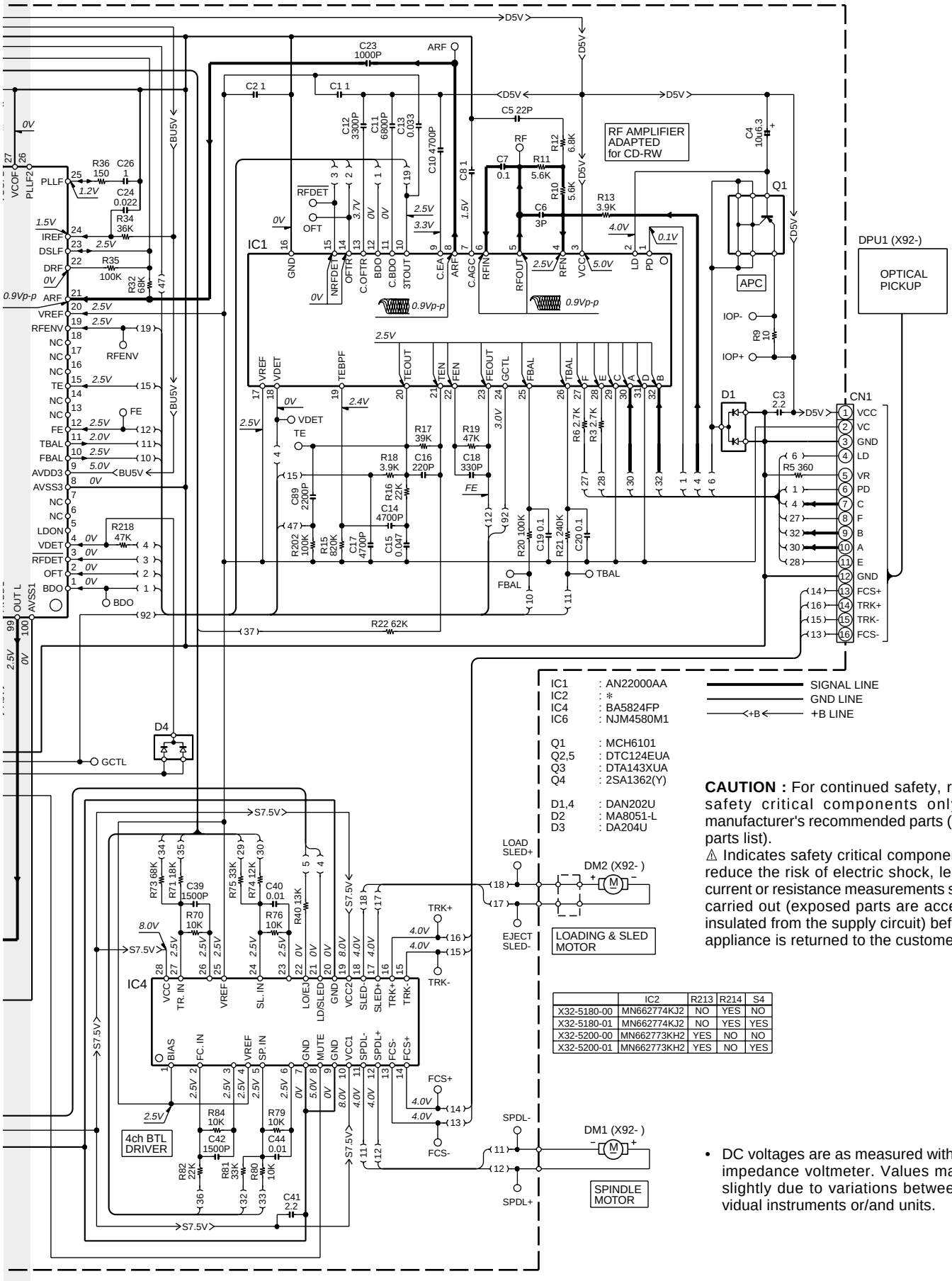
KDC-8024


CD PLAYER UNIT (X32-5200-00)
S2 : 12cm DISC DET. SWITCH
S1 : LOAD DET. SWITCH
*IC2
CD SIGNAL PROCESSOR BULT in MI-COM.
CN2
D.OUT
12EJE SW
LOS SW
CLK
DATA
A.+8V
Lch
A.GND
Rch
MUTE R
MUTE L
MRST
MSTOP
8EJE SW
LOE/LIM SW
BU+5V
D.GND
BCLK
LRCK
SRDATA
LO/EJ
MOTOR
S.7.5V
S.GND
to MAIN UNIT
A.8V SW
D.5V SW
8cm DISC DET SWITCH
DOWN & LIMIT SWITCH
LOW PASS FILTER
CP1 100x2
CP2 100x4
X1 16.93MHz
DXM-6010W (TEXT OFF): 5.0V
DXM-6110W (TEXT ON): 0V
TRCRS
SMCK
STLD
STOUT
FLAG
IPFLAG
FCLK
CLDCK
PCK or DSLB
EFM or CK384
DVSS2
AVSS2
AVDD2
TOFS
FOD
TRD
KICK
ECS
ECM
TVD
TRV
VCOF2
VCOF
PLLF2
CSEL
TEST1
TEST2
IOSEL
NRST
BCLK
LRCK
SRDATA
SUBC
SBCK
DQSY
DEMPH
TX
PSEL
MSEL
SSEL
DVDD1
X1
X2
DVSS
XSUB1
XSUB2
DVDD2
NC
73/74SEL
DRVMUE
TEST
ASEL
PON
SEARCH
EQCNT
SW3
AMUTE L
AMUTE R
CD-RW
RST
MECHASEL
MSTOP
LDCNT
DATA
CLK
HOT
AVREF
OUT R
AVDD1
OUT L
AVSS1
IC6 (1/2)
IC6 (2/2)



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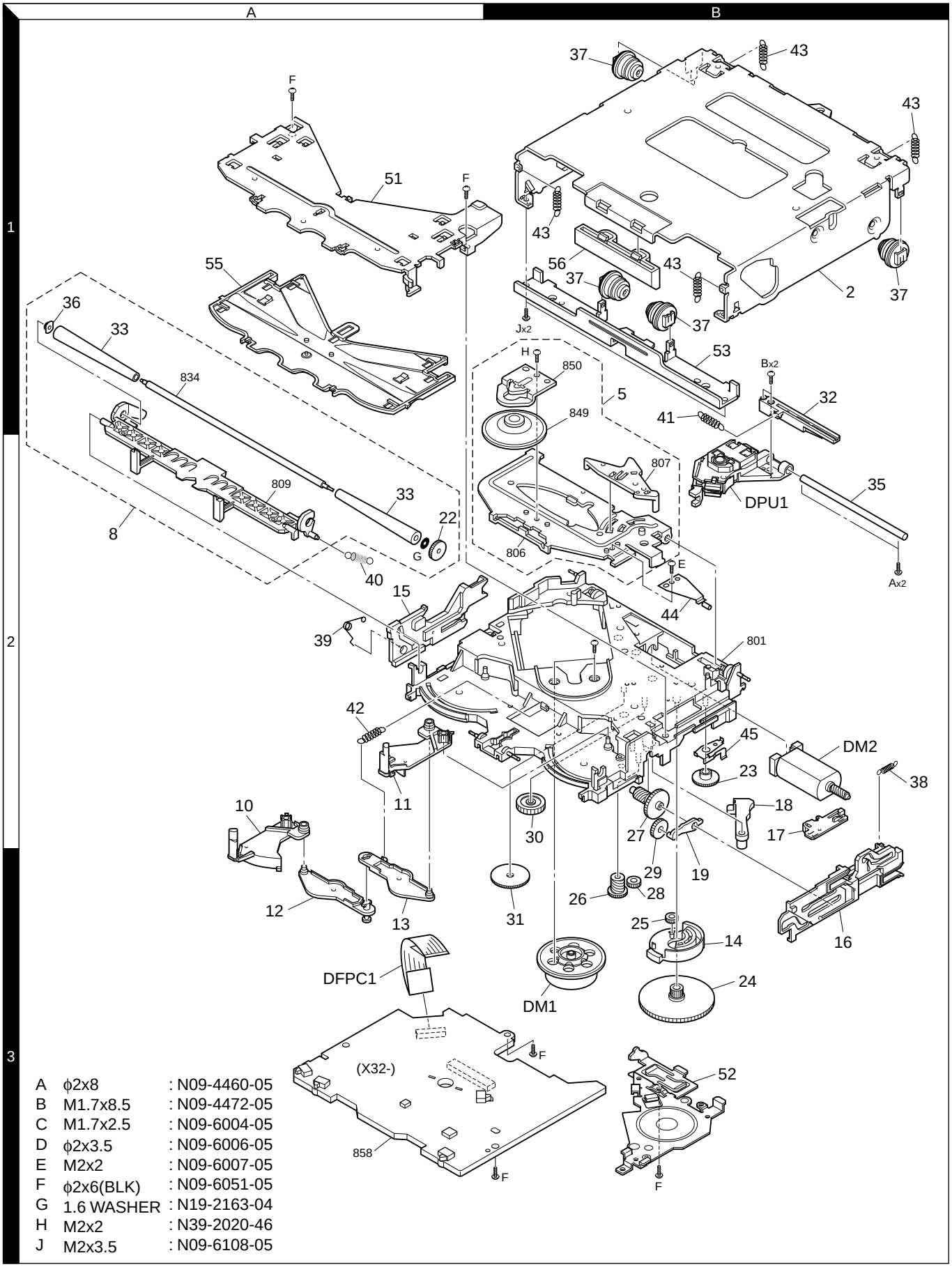
	IC2	R213	R214	S4
X32-5180-00	MN662774KJ2	NO	YES	NO
X32-5180-01	MN662774KJ2	NO	YES	YES
X32-5200-00	MN662773KH2	YES	NO	NO
X32-5200-01	MN662773KH2	YES	NO	YES

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

EXPLODED VIEW (MECHANISM)

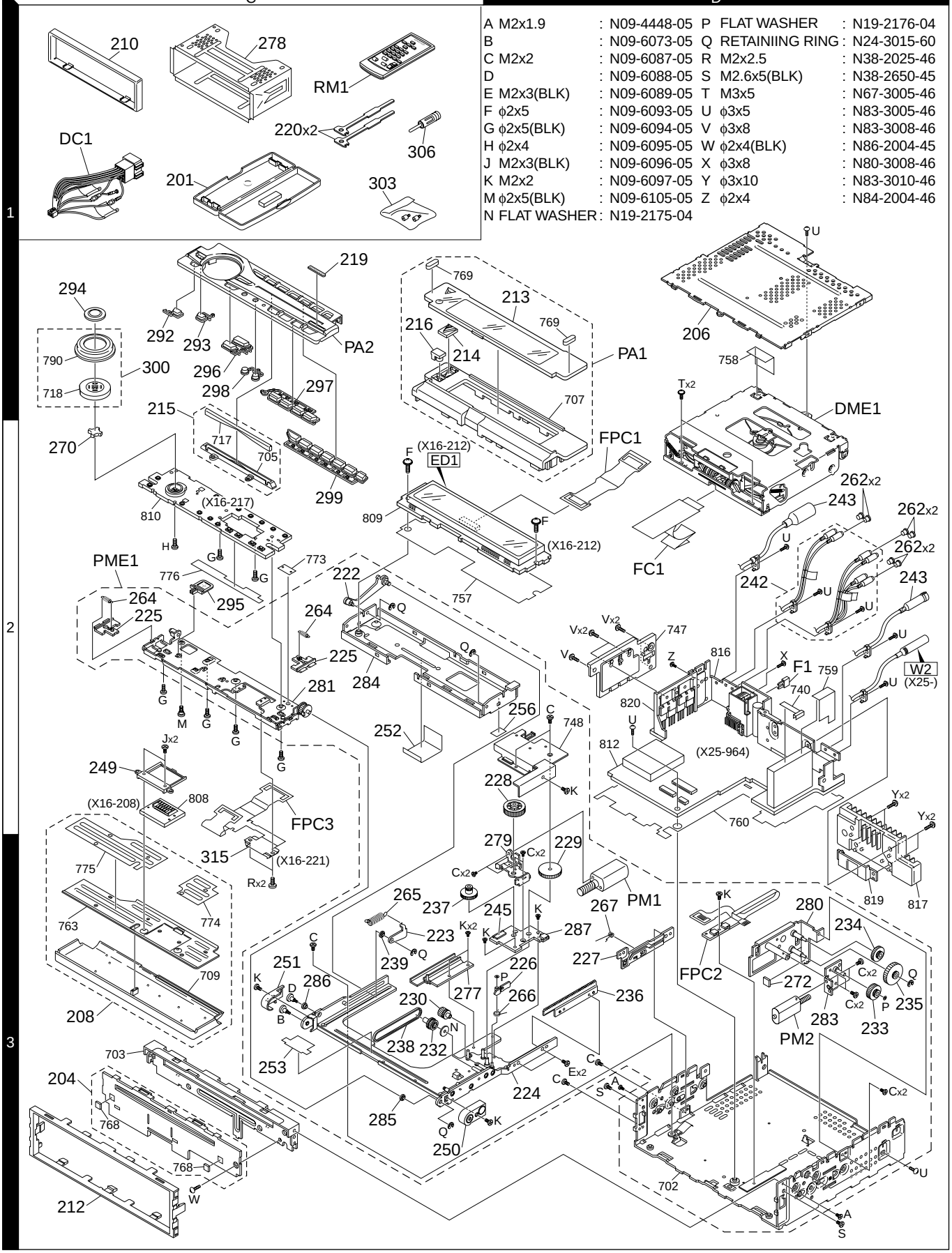


A	ϕ2x8	: N09-4460-05
B	M1.7x8.5	: N09-4472-05
C	M1.7x2.5	: N09-6004-05
D	ϕ2x3.5	: N09-6006-05
E	M2x2	: N09-6007-05
F	ϕ2x6(BLK)	: N09-6051-05
G	1.6 WASHER	: N19-2163-04
H	M2x2	: N39-2020-46
J	M2x3.5	: N09-6108-05

Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (UNIT)

A	M2x1.9	: N09-4448-05	P	FLAT WASHER	: N19-2176-04
B		: N09-6073-05	Q	RETAINIING RING	: N24-3015-60
C	M2x2	: N09-6087-05	R	M2x2.5	: N38-2025-46
D		: N09-6088-05	S	M2.6x5(BLK)	: N38-2650-45
E	M2x3(BLK)	: N09-6089-05	T	M3x5	: N67-3005-46
F	ϕ2x5	: N09-6093-05	U	ϕ3x5	: N83-3005-46
G	ϕ2x5(BLK)	: N09-6094-05	V	ϕ3x8	: N83-3008-46
H	ϕ2x4	: N09-6095-05	W	ϕ2x4(BLK)	: N86-2004-45
J	M2x3(BLK)	: N09-6096-05	X	ϕ3x8	: N80-3008-46
K	M2x2	: N09-6097-05	Y	ϕ3x10	: N83-3010-46
M	ϕ2x5(BLK)	: N09-6105-05	Z	ϕ2x4	: N84-2004-46
N	FLAT WASHER	: N19-2175-04			



Parts with the exploded numbers larger than 700 are not supplied.

PARTS LIST

✻ New parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	Add	New	Parts No.	Description	Destination
KDC-8024					
201	1C	✻	A02-2731-03	PLASTIC CABINET ASSY	
204	3C	✻	A22-2988-03	SUB PANEL ASSY	
206	1D	✻	A52-0831-02	TOP PLATE	
PA1	1D	✻	A64-2985-01	PANEL ASSY	
PA2	1C		A64-3002-02	PANEL ASSY	
PME1	2C	✻	A10-5029-11	CHASSIS ASSY	
RM1	1C		A70-2026-05	REMOTE CONTROLLER ASSY (RC-420)	
-			B46-0100-50	WARRANTY CARD	
-			B46-0612-14	ID CARD	
-			B64-2464-00	INSTRUCTION MANUAL (ENGLISH)	
-			B64-2465-00	INSTRUCTION MANUAL (FRE.GER.)	
-			B64-2466-00	INSTRUCTION MANUAL (DUT.ITA.)	
-			B64-2467-00	INSTRUCTION MANUAL (SPA.POR.)	
208	3C		B03-5015-03	DRESSING PLATE ASSY	
210	1C	✻	B07-3078-01	ESCUTCHEON	
212	3C	✻	B07-3080-02	ESCUTCHEON	
213	1D	✻	B10-4392-01	FRONT GLASS	
214	1C	✻	B12-1221-04	INDICATOR	
215	1C	✻	B12-1222-03	INDICATOR ASSY	
216	1C	✻	B19-2201-04	LIGHTING BOARD	
219	1C	✻	B43-1505-04	KENWOOD BADGE	
220	1C		D10-4674-04	LEVER	
222	2C	✻	D10-4716-04	ARM ASSY	
223	3C	✻	D10-4718-04	ARM ASSY	
224	3D	✻	D10-4721-11	SLIDER ASSY	
225	2C	✻	D10-4749-03	LEVER	
226	3D	✻	D10-4750-04	LEVER	
227	3D	✻	D12-0637-03	CAM	
228	2D	✻	D13-2270-04	GEAR	
229	3D	✻	D13-2272-04	GEAR	
230	3C	✻	D13-2273-14	GEAR	
232	3C	✻	D13-2274-14	GEAR	
233	3D	✻	D13-2276-04	GEAR	
234	3D	✻	D13-2277-04	GEAR	
235	3D	✻	D13-2278-04	GEAR	
236	3D	✻	D13-2289-03	RACK (GEAR)	
237	3C	✻	D13-2290-04	GEAR ASSY	
238	3C	✻	D16-0617-05	BELT	
239	3C	✻	D23-0958-04	RETAINER	
242	2D		E30-6211-05	CORD WITH PINPLUG (3PR)	
243	2D		E30-6217-05	CORD WITH DIN CONNECTOR (CH-DIS)	
245	3D	✻	E41-0351-05	FLAT CABLE CONNECTOR	
⚠ DC1	1C		E30-4942-05	DC CORD (ISO)	
FC1	2D	✻	E39-0565-05	FLAT CABLE	
249	2C	✻	F07-1121-03	COVER	
250	3C	✻	F07-1122-03	COVER	
251	3C	✻	F07-1123-03	COVER	
252	2C	✻	F09-1794-04	SHEET	
253	3C	✻	F09-1798-04	SHEET	
256	2D	✻	F09-1842-04	SHEET	
262	2D		F29-0049-05	INSULATING COVER	
⚠ 999			F52-0011-05	FUSE (MINI BLADE TYPE)	

Ref. No.	Add	New	Parts No.	Description	Destination
⚠ F1	2D		F52-0006-05	FUSE (MINI BLADE TYPE)	
264	2C	✻	G01-3162-04	EXTENSION SPRING	
265	3C	✻	G01-3188-04	EXTENSION SPRING	
266	3C	✻	G01-3189-04	TORSION COIL SPRING	
267	3D	✻	G01-3199-04	TORSION COIL SPRING	
270	2C	✻	G11-3539-04	CUSHION	
272	3D	✻	G11-3559-04	CUSHION	
-		✻	H10-4854-12	POLYSTYRENE FOAMED FIXTURE	
-		✻	H21-1151-04	PROTECTION SHEET	
-			H25-0337-04	PROTECTION BAG (180X300X0.03)	
-			H25-1111-04	PROTECTION BAG (280X450X0.03)	
-		✻	H54-2725-03	ITEM CARTON CASE	
277	3C	✻	J19-5220-03	HOLDER	
278	1C		J21-9823-03	MOUNTING HARDWARE ASSY	
279	3D	✻	J21-9951-03	MOUNTING HARDWARE ASSY	
280	3D	✻	J21-9954-02	MOUNTING HARDWARE ASSY	
281	2C	✻	J21-9956-12	MOUNTING HARDWARE ASSY	
283	3D	✻	J21-9997-03	MOUNTING HARDWARE ASSY	
284	2C	✻	J21-9999-02	MOUNTING HARDWARE ASSY	
285	3C	✻	J31-1055-04	COLLAR	
286	3C	✻	J31-1056-04	COLLAR	
287	3D	✻	J74-1444-04	RIGID PRINTED WIRING BOARD	
FPC1	2D	✻	J84-0153-05	FLEXIBLE PRINTED WIRING BOARD	
FPC2	3D	✻	J84-0156-04	FLEXIBLE PRINTED WIRING BOARD	
292	1C	✻	K24-4004-04	KNOB (PLAY)	
293	1C	✻	K24-4005-04	KNOB (EJECT)	
294	1C	✻	K24-4006-04	KNOB (ATT)	
295	2C	✻	K24-4007-04	KNOB (OPEN)	
296	1C	✻	K25-1527-03	KNOB (SRC,Q)	
297	1C	✻	K25-1529-03	KNOB (AM/FM)	
298	1C	✻	K25-1530-04	KNOB (SCRL)	
299	2C	✻	K25-1532-03	KNOB (1-6)	
300	1C	✻	K29-7031-03	KNOB ASSY (VOL)	
303	1C	✻	N99-1734-05	SCREW SET	
A	3D		N09-4448-05	MACHINE SCREW	
B	3C	✻	N09-6073-05	STEPPED SCREW	
C	3D	✻	N09-6087-05	MACHINE SCREW	
D	3C	✻	N09-6088-05	STEPPED SCREW	
E	3D	✻	N09-6089-05	MACHINE SCREW	
F	2C	✻	N09-6093-05	TAPTITE SCREW	
G	2C	✻	N09-6094-05	MACHINE SCREW	
H	2C	✻	N09-6095-05	MACHINE SCREW	
J	2C	✻	N09-6096-05	MACHINE SCREW	
K	3C	✻	N09-6097-05	MACHINE SCREW	
M	2C	✻	N09-6105-05	STEPPED SCREW	
N	2C	✻	N19-2175-04	FLAT WASHER	
P	3D	✻	N19-2176-04	FLAT WASHER	
Q	2C		N24-3015-60	E TYPE RETAINING RING	
R	3C		N38-2025-46	PAN HEAD MACHIN SCREW	
S	3D	✻	N38-2650-45	PAN HEAD MACHIN SCREW	
T	2D		N67-3005-46	PAN HEAD SEMS SCREW	
U	2D		N83-3005-46	PAN HEAD TAPTITE SCREW	
V	2D		N83-3008-46	PAN HEAD TAPTITE SCREW	

E : Europe

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PARTS LIST

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KDC-8024

Ref. No.	Add	New	Parts No.	Description	Destination
W	3C		N86-2004-45	BINDING HEAD TAPTITE SCREW	
RLED			RK73GB2A102J	CHIP R 1.0K J 1/10W	
RPH			RK73GB2A104J	CHIP R 100K J 1/10W	
SW1			S68-0871-05	PUSH SWITCH (PANEL MECHA)	
SW2-3			S68-0863-05	PUSH SWITCH (PANEL MECHA)	
SW4			S68-0864-05	PUSH SWITCH (PANEL MECHA)	
306	1C		T90-0552-05	ANTENNA ADAPTOR	
PH			T95-0212-05	OPTO ISOLATOR (PANEL MECHA)	
PM1	3D	✻	T42-1076-14	MOTOR ASSY	
PM2	3D	✻	T42-1077-04	MOTOR ASSY	
DME1	1D		X92-4450-01	MECHANISM ASSY	
SUB-CIRCUIT UNIT (X16-2080-10)					
J1			E59-0833-15	RECTANGULAR PLUG	
CP1			R90-1019-05	MULTI-COMP 100 X2	
IC1		✻	BR24C01AFV-W	MEMORY IC	
SUB-CIRCUIT UNIT (X16-2120-10)					
D17			B30-1564-05	LED (1608, BLUE)	
C1			CK73FB1C105K	CHIP C 1.0UF K	
C2			CK73GB1H103K	CHIP C 0.010UF K	
C3			CK73GB1C104K	CHIP C 0.10UF K	
C3			CK73GB1H104K	CHIP C 0.10UF K	
C4,5			CK73FB1A225K	CHIP C 2.2UF K	
C6			CC73GCH1H101J	CHIP C 100PF J	
C7			CK73EB0J106K	CHIP C 10UF K	
C8			CK73FB1A225K	CHIP C 2.2UF K	
C9			CK73FB1C105K	CHIP C 1.0UF K	
C10			CK73GB0J105K	CHIP C 1.0UF K	
C11-16			CK73GB1H103K	CHIP C 0.010UF K	
C20,21			CK73EB1A475K	CHIP C 4.7UF K	
C22			CK73GB1H103K	CHIP C 0.010UF K	
C30			CK73GB1H103K	CHIP C 0.010UF K	
C31			CK73EB0J106K	CHIP C 10UF K	
C32			C93-1217-05	CHIP C 0.047UF K	
C33			CK73GB1H103K	CHIP C 0.010UF K	
CN1			E40-9364-05	FLAT CABLE CONNECTOR	
CN2			E41-0166-05	FLAT CABLE CONNECTOR	
-		✻	H30-0573-04	ADHESIVE DOUBLE-COATED TAPE	
L1			L40-1005-34	SMALL FIXED INDUCTOR	
L1			L40-1005-68	SMALL FIXED INDUCTOR	
L3			L40-1005-34	SMALL FIXED INDUCTOR	
L3			L40-1005-68	SMALL FIXED INDUCTOR	
L4,5			L92-0332-05	CHIP FERRITE	
X1			L78-0821-05	RESONATOR	
CP1			R90-1019-05	MULTI-COMP 100 X2	
CP2			R90-1014-05	MULTI-COMP 100 X4	
CP3			R90-0737-05	MULTI-COMP 100K X2	
CP4			R90-0724-05	MULTI-COMP 1K X4	
CP5			R90-1019-05	MULTI-COMP 100 X2	

Ref. No.	Add	New	Parts No.	Description	Destination
CP6			R90-0725-05	MULTI-COMP 1K X2	
CP7			R90-1014-05	MULTI-COMP 100 X4	
CP8,9			R90-0724-05	MULTI-COMP 1K X4	
CP11,12			R90-0719-05	MULTI-COMP 4.7K X2	
CP13			R90-0726-05	MULTI-COMP 10K X2	
CP14			R90-1012-05	MULTI-COMP 22K X4	
CP15			R90-0725-05	MULTI-COMP 1K X2	
CP16			R90-1022-05	MULTI-COMP 470 X2	
R1			RK73GB2A103J	CHIP R 10K J 1/10W	
R2			RK73GB2A473J	CHIP R 47K J 1/10W	
R3			RK73GB2A104J	CHIP R 100K J 1/10W	
R4,5			RK73GB2A473J	CHIP R 47K J 1/10W	
R6			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R7			RK73GB2A220J	CHIP R 22 J 1/10W	
R8			RK73GB2A104J	CHIP R 100K J 1/10W	
R9,10			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R11			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R12			RK73GB2A101J	CHIP R 100 J 1/10W	
R13			RK73GB2A104J	CHIP R 100K J 1/10W	
R14,15			RK73GB2A274J	CHIP R 270K J 1/10W	
R16,17			RK73GB2A153J	CHIP R 15K J 1/10W	
R18			RK73GB2A100J	CHIP R 10 J 1/10W	
R20			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R24			RK73GB2A104J	CHIP R 100K J 1/10W	
R25			RK73GB2A223J	CHIP R 22K J 1/10W	
R26			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R27			RK73GB2A153J	CHIP R 15K J 1/10W	
R28			RK73FB2B101J	CHIP R 100 J 1/8W	
R30			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R33			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	
R34,35			RK73GB2A103J	CHIP R 10K J 1/10W	
D1-11			DA204U	DIODE	
D13			FTZ6.8E	ZENER DIODE	
D14			MA3062WA	ZENER DIODE	
ED1		✻	CN2067M	FLUORESCENT INDICATOR TUBE	
IC1			TAR5S33	ANALOGUE IC	
IC2			TC74HC4050AFT	MOS-IC	
IC3			RS-171	ANALOGUE IC	
IC4			BA3830F	ANALOGUE IC	
IC5		✻	703032BGFA01	MI-COM IC	
Q1			2SA1163	TRANSISTOR	
Q2			2SC2713	TRANSISTOR	
Q3			DTA114EUA	DIGITAL TRANSISTOR	
Q3			UN5111	DIGITAL TRANSISTOR	
Q4,5			2SC4081	TRANSISTOR	
SWITCH UNIT (X16-2170-10)					
D1-11			B30-1605-05	LED (2COLOR PG/RED)	
D12			B30-1564-05	LED (1608, BLUE)	
D13			B30-1605-05	LED (2COLOR PG/RED)	
D14			B30-1564-05	LED (1608, BLUE)	
D15			B30-1605-05	LED (2COLOR PG/RED)	
D16			B30-1564-05	LED (1608, BLUE)	
D17			B30-1605-05	LED (2COLOR PG/RED)	
D18,19			B30-1564-05	LED (1608, BLUE)	

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Ref. No.	Add	New	Parts No.	Description	Destination
D21			B30-1566-05	LED (1608, RED)	
C1-5			CK73GB1H103K	CHIP C 0.010UF K	
CN1		✻	E41-0419-05	FLAT CABLE CONNECTOR	
R1			RK73FB2B241J	CHIP R 240 J 1/8W	
R3-5			RK73FB2B241J	CHIP R 240 J 1/8W	
R6,7			RK73FB2B301J	CHIP R 300 J 1/8W	
R8			RK73FB2B241J	CHIP R 240 J 1/8W	
R9			RK73FB2B301J	CHIP R 300 J 1/8W	
R10			RK73FB2B470J	CHIP R 47 J 1/8W	
R15			RK73GB2A241J	CHIP R 240 J 1/10W	
R16			RK73GB2A471J	CHIP R 470 J 1/10W	
R17			RK73GB2A103J	CHIP R 10K J 1/10W	
R18			RK73GB2A471J	CHIP R 470 J 1/10W	
R19			RK73GB2A103J	CHIP R 10K J 1/10W	
S1		✻	S70-0901-05	TACT SWITCH	
S2,3			S70-0864-05	TACT SWITCH	
S4			S70-0856-05	TACT SWITCH	
S5-8			S70-0864-05	TACT SWITCH	
S9			S70-0856-05	TACT SWITCH	
S10-13			S70-0864-05	TACT SWITCH	
S14			S70-0856-05	TACT SWITCH	
S15-18			S70-0864-05	TACT SWITCH	
S19			S70-0856-05	TACT SWITCH	
S20			S70-0864-05	TACT SWITCH	
S21		✻	T99-0445-05	ROTARY ENCODER	
D20			DAP202U	DIODE	
D20			MA142WA	DIODE	
D22			MA8068-M	ZENER DIODE	
Q1			DTA114YUA	DIGITAL TRANSISTOR	
Q2,3			2SC4081	TRANSISTOR	
SUB-CIRCUIT UNIT (X16-2210-10)					
315	3C	✻	E58-0968-05	RECTANGULAR RECEPTACLE	
FPC3	2C	✻	J84-0154-05	FLEXIBLE PRINTED WIRING BOARD	
ELECTRIC UNIT (X25-9642-72)					
C2			CK73GB1H103K	CHIP C 0.010UF K	
C3			C90-2866-05	ELECTRO 220UF 16WV	
C4			CK73GB1H103K	CHIP C 0.010UF K	
C5			CE04NW1C100M	ELECTRO 10UF 16WV	
C6			CE04NW0J101M	ELECTRO 100UF 6.3WV	
C7			CK73FB1C105K	CHIP C 1.0UF K	
C8			CE04CW1A221M	ELECTRO 220UF 10WV	
C9			CE04CW1A101M	ELECTRO 100UF 10WV	
C14			CK73EB1C225K	CHIP C 2.2UF K	
C15			CK73GB1H103K	CHIP C 0.010UF K	
C16		✻	CE32AZ1C101M	CHIP EL 100UF 16WV	
C17			CK73GB1H103K	CHIP C 0.010UF K	
C18		✻	CE32AZ1C101M	CHIP EL 100UF 16WV	
C21			CK73FB1A225K	CHIP C 2.2UF K	
C22			C93-1218-05	CHIP C 0.010UF K	
C23			C90-5375-05	ELECTRO 33UF 63WV	

SWITCH UNIT (X16-2170-10)

Ref. No.	Add	New	Parts No.	Description	Destination
C41			CK73GB1H103K	CHIP C 0.010UF K	
C42			CK73GB1E223K	CHIP C 0.022UF K	
C42			CK73GB1H223K	CHIP C 0.022UF K	
C43			CK73FB1C105K	CHIP C 1.0UF K	
C44,45			CK73GB1H103K	CHIP C 0.010UF K	
C46			CK73GB1H102K	CHIP C 1000PF K	
C48			CK73GB1H103K	CHIP C 0.010UF K	
C100			C90-5484-05	ELECTRO 3900UF 16WV	
C101			CE04NW0J470M	ELECTRO 47UF 6.3WV	
C102			CC73GCH1H220J	CHIP C 22PF J	
C103			CC73GCH1H270J	CHIP C 27PF J	
C104			CK73GB0J105K	CHIP C 1.0UF K	
C106			CK73GB0J105K	CHIP C 1.0UF K	
C107			CK73GB1H103K	CHIP C 0.010UF K	
C109			CK73GB1H102K	CHIP C 1000PF K	
C110,111			CK73GB1H103K	CHIP C 0.010UF K	
C199			CK73GB1C104K	CHIP C 0.10UF K	
C199			CK73GB1H104K	CHIP C 0.10UF K	
C201,202			CE04NW1HR47M	ELECTRO 0.47UF 50WV	
C206			CE04NW0J470M	ELECTRO 47UF 6.3WV	
C207,208			CK73FB1C474K	CHIP C 0.47UF K	
C209			CK73GB1E223K	CHIP C 0.022UF K	
C209			CK73GB1H223K	CHIP C 0.022UF K	
C210			CK73GB1H103K	CHIP C 0.010UF K	
C211			CK73GB1A474K	CHIP C 0.47UF K	
C212			CC73GCH1H151J	CHIP C 150PF J	
C213			CK73GB1C104K	CHIP C 0.10UF K	
C213			CK73GB1H104K	CHIP C 0.10UF K	
C214			CK73GB1H103K	CHIP C 0.010UF K	
C215			CE04NW1C470M	ELECTRO 47UF 16WV	
C216-223			CK73FB1C105K	CHIP C 1.0UF K	
C224			CK73GB1C104K	CHIP C 0.10UF K	
C224			CK73GB1H104K	CHIP C 0.10UF K	
C225			CK73GB1H103K	CHIP C 0.010UF K	
C226-231			CK73GB1E473K	CHIP C 0.047UF K	
C226-231			CK73GB1H473K	CHIP C 0.047UF K	
C232			CK73FB1C105K	CHIP C 1.0UF K	
C233			C92-0667-05	ELECTRO 10UF 10WV	
C234			CK73GB1E333K	CHIP C 0.033UF K	
C234			CK73GB1H333K	CHIP C 0.033UF K	
C235			CK73GB1H103K	CHIP C 0.010UF K	
C236			CK73GB1A334K	CHIP C 0.33UF K	
C237			CK73GB1A474K	CHIP C 0.47UF K	
C238			CC73GCH1H221J	CHIP C 220PF J	
C239			CK73GB1H103K	CHIP C 0.010UF K	
C240,241			C92-0667-05	ELECTRO 10UF 10WV	
C250		✻	CE32AT1H2R2M	CHIP EL 2.2UF 50WV	
C251			CK73FB1C334K	CHIP C 0.33UF K	
C252			CK73GB1A334K	CHIP C 0.33UF K	
C253			CK73FB1C334K	CHIP C 0.33UF K	
C254			CK73GB1A334K	CHIP C 0.33UF K	
C255			CK73FB1C334K	CHIP C 0.33UF K	
C256			CK73GB1A334K	CHIP C 0.33UF K	
C257			CK73FB1C334K	CHIP C 0.33UF K	
C258			CK73GB1A334K	CHIP C 0.33UF K	

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ELECTRIC UNIT (X25-9642-72)

Ref. No.	Add	New	Parts No.	Description			Destination
C259		✻	CE32AT1H010M	CHIP EL	1.0UF	50WV	
C260-263			CK73GB1C104K	CHIP C	0.10UF	K	
C260-263			CK73GB1H104K	CHIP C	0.10UF	K	
C264,265			CE04NW1C100M	ELECTRO	10UF	16WV	
C268,269			CE04NW1C100M	ELECTRO	10UF	16WV	
C272-275			C90-5296-05	NP-ELECT	0.22UF	50WV	
C276			CK73FB1C105K	CHIP C	1.0UF	K	
C277			CE04NW1C330M	ELECTRO	33UF	16WV	
C278			C90-2935-05	ELECTRO	1.0UF	50WV	
C279			CE04NW1H010M	ELECTRO	1.0UF	50WV	
C287-289			CK73FB1H104K	CHIP C	0.10UF	K	
C290,291			CK73GB1H103K	CHIP C	0.010UF	K	
C292-296			CK73EB1A475K	CHIP C	4.7UF	K	
C297,298			C92-0671-05	ELECTRO	10UF	16WV	
C303-305			CK73GB1H103K	CHIP C	0.010UF	K	
C307			CK73GB1H103K	CHIP C	0.010UF	K	
C309,310			CC73GCH1H100D	CHIP C	10PF	D	
C311			CC73GCH1H331J	CHIP C	330PF	J	
C312			CK73FB1A225K	CHIP C	2.2UF	K	
C313			CK73GB1H103K	CHIP C	0.010UF	K	
C314			CE04NW1C100M	ELECTRO	10UF	16WV	
C316-319			CK73GB1A224K	CHIP C	0.22UF	K	
C501			CK73FB1C105K	CHIP C	1.0UF	K	
C502			CK73GB1H103K	CHIP C	0.010UF	K	
C601,602			CK73GB1C104K	CHIP C	0.10UF	K	
C601,602			CK73GB1H104K	CHIP C	0.10UF	K	
C603			CK73GB1H103K	CHIP C	0.010UF	K	
C701			CK73GB1A474K	CHIP C	0.47UF	K	
CN1			E41-0224-05	PIN ASSY			
CN2			E40-3237-05	PIN ASSY			
CN3		✻	E41-0384-05	PIN ASSY			
CN4			E40-9527-05	FLAT CABLE CONNECTOR			
CN4			E41-0213-05	FLAT CABLE CONNECTOR			
CN5			E40-9368-05	FLAT CABLE CONNECTOR			
CN6		✻	E41-0399-05	FLAT CABLE CONNECTOR			
CN7			E41-0009-05	PIN ASSY			
⚠ J1			E58-0863-15	RECTANGULAR RECEPTACLE			
W2		✻	E30-6218-05	CORD WITH PLUG			
L1			L33-1170-05	CHOKE COIL ASSY			
L3			L33-1029-05	SMALL FIXED INDUCTOR			
L7			L33-1039-05	LINE FILTER COIL			
L101			L40-4795-34	SMALL FIXED INDUCTOR			
L101			L40-4795-68	SMALL FIXED INDUCTOR (4.7UH)			
L102			L92-0075-05	CHIP FERRITE			
L201			L40-4795-34	SMALL FIXED INDUCTOR			
L201			L40-4795-68	SMALL FIXED INDUCTOR (4.7UH)			
L303-307			L40-4795-34	SMALL FIXED INDUCTOR			
L303-307			L40-4795-68	SMALL FIXED INDUCTOR (4.7UH)			
X1			L78-0821-05	RESONATOR			
X2			L77-2738-05	CRYSTAL RESONATOR			
X3			L77-2002-05	CRYSTAL RESONATOR			
U	2D		N83-3005-46	PAN HEAD TAPTITE SCREW			
X	2D		N80-3008-46	PAN HEAD TAPTITE SCREW			
Y	2D		N83-3010-46	PAN HEAD TAPTITE SCREW			

Ref. No.	Add	New	Parts No.	Description				Destination
Z			N84-2004-46	PAN HEAD TAPTITE SCREW				
R1			RK73FB2B223J	CHIP R	22K	J	1/8W	
R2			RK73GB2A101J	CHIP R	100	J	1/10W	
R3			RK73GB2A223J	CHIP R	22K	J	1/10W	
R4			RK73GB2A222J	CHIP R	2.2K	J	1/10W	
R5			RK73FB2B221J	CHIP R	220	J	1/8W	
R6			RK73GB2A153J	CHIP R	15K	J	1/10W	
R7			R92-3032-05	CHIP R	4.3K	D	1/10W	
R8			R92-3047-05	CHIP R	24K	D	1/10W	
R9			RK73FB2B152J	CHIP R	1.5K	J	1/8W	
R13			R92-2104-05	CHIP R	2.2	J	1W	
R14			RK73FB2B751J	CHIP R	750	J	1/8W	
R15			RK73GB2A473J	CHIP R	47K	J	1/10W	
R16			RK73FB2B103J	CHIP R	10K	J	1/8W	
R28			RK73FB2B472J	CHIP R	4.7K	J	1/8W	
R31			RK73FB2B472J	CHIP R	4.7K	J	1/8W	
R32			RK73FB2B561J	CHIP R	560	J	1/8W	
R33			RK73GB2A473J	CHIP R	47K	J	1/10W	
R34			RK73GB2A223J	CHIP R	22K	J	1/10W	
R35			RK73GB2A104J	CHIP R	100K	J	1/10W	
R36			RK73FB2B103J	CHIP R	10K	J	1/8W	
R37			RK73GB2A103J	CHIP R	10K	J	1/10W	
R38			RK73GB2A822J	CHIP R	8.2K	J	1/10W	
R41			RK73GB2A223J	CHIP R	22K	J	1/10W	
R42			RD14DB2H332J	SMALL-RD	3.3K	J	1/2W	
R43			RK73EB2E473J	CHIP R	47K	J	1/4W	
R44			RK73GB2A183J	CHIP R	18K	J	1/10W	
R45			RK73GB2A104J	CHIP R	100K	J	1/10W	
R46,47			RK73EB2E103J	CHIP R	10K	J	1/4W	
R48			RK73EB2E102J	CHIP R	1.0K	J	1/4W	
R101			RK73GB2A103J	CHIP R	10K	J	1/10W	
R102			RK73GB2A153J	CHIP R	15K	J	1/10W	
R103			RK73GB2A104J	CHIP R	100K	J	1/10W	
R110			RK73GB2A104J	CHIP R	100K	J	1/10W	
R111,112			RK73GB2A103J	CHIP R	10K	J	1/10W	
R115,116			RK73GB2A102J	CHIP R	1.0K	J	1/10W	
R117			RK73GB2A103J	CHIP R	10K	J	1/10W	
R118-120			RK73GB2A102J	CHIP R	1.0K	J	1/10W	
R121			RK73GB2A222J	CHIP R	2.2K	J	1/10W	
R122-126			RK73GB2A101J	CHIP R	100	J	1/10W	
R127			RK73GB2A102J	CHIP R	1.0K	J	1/10W	
R128			RK73GB2A104J	CHIP R	100K	J	1/10W	
R129			RK73GB2A102J	CHIP R	1.0K	J	1/10W	
R130			RK73GB2A104J	CHIP R	100K	J	1/10W	
R131			RK73GB2A102J	CHIP R	1.0K	J	1/10W	
R132			RK73GB2A104J	CHIP R	100K	J	1/10W	
R133-136			RK73GB2A222J	CHIP R	2.2K	J	1/10W	
R137			RK73GB2A102J	CHIP R	1.0K	J	1/10W	
R138-140			RK73GB2A222J	CHIP R	2.2K	J	1/10W	
R141			RK73GB2A102J	CHIP R	1.0K	J	1/10W	
R142,143			RK73GB2A222J	CHIP R	2.2K	J	1/10W	
R144			RK73GB2A102J	CHIP R	1.0K	J	1/10W	
R145,146			RK73GB2A473J	CHIP R	47K	J	1/10W	
R150,151			RK73GB2A104J	CHIP R	100K	J	1/10W	

E : Europe

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PARTS LIST

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ELECTRIC UNIT (X25-9642-72)

Ref. No.	Add	New	Parts No.	Description	Destination
R152,153			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R156			RK73GB2A104J	CHIP R 100K J 1/10W	
R158			RK73GB2A104J	CHIP R 100K J 1/10W	
R159,160			RK73GB2A471J	CHIP R 470 J 1/10W	
R161			RK73GB2A104J	CHIP R 100K J 1/10W	
R162			RK73GB2A103J	CHIP R 10K J 1/10W	
R163,164			RK73GB2A471J	CHIP R 470 J 1/10W	
R165,166			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R167			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R169			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R170			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R171,172			RK73GB2A471J	CHIP R 470 J 1/10W	
R173,174			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R175			RK73GB2A333J	CHIP R 33K J 1/10W	
R176			RK73GB2A473J	CHIP R 47K J 1/10W	
R177			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R178,179			RK73GB2A103J	CHIP R 10K J 1/10W	
R180			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R181			RK73GB2A473J	CHIP R 47K J 1/10W	
R182			RK73GB2A104J	CHIP R 100K J 1/10W	
R183,184			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R186			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R201			RK73GB2A103J	CHIP R 10K J 1/10W	
R202-204			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R205			RK73GB2A134J	CHIP R 130K J 1/10W	
R206			RK73GB2A823J	CHIP R 82K J 1/10W	
R207			RK73GB2A473J	CHIP R 47K J 1/10W	
R208			RK73GB2A912J	CHIP R 9.1K J 1/10W	
R209			RK73GB2A363J	CHIP R 36K J 1/10W	
R210			RK73GB2A622J	CHIP R 6.2K J 1/10W	
R217			RK73GB2A682J	CHIP R 6.8K J 1/10W	
R218			RK73GB2A332J	CHIP R 3.3K J 1/10W	
R219			RK73GB2A392J	CHIP R 3.9K J 1/10W	
R220,221			RK73FB2B361J	CHIP R 360 J 1/8W	
R222,223			RK73FB2B223J	CHIP R 22K J 1/8W	
R230,231			RK73EB2E181J	CHIP R 180 J 1/4W	
R232,233			RK73FB2B361J	CHIP R 360 J 1/8W	
R234,235			RK73FB2B223J	CHIP R 22K J 1/8W	
R242,243			RK73EB2E181J	CHIP R 180 J 1/4W	
R244,245			RK73FB2B361J	CHIP R 360 J 1/8W	
R246,247			RK73FB2B223J	CHIP R 22K J 1/8W	
R254,255			RK73EB2E181J	CHIP R 180 J 1/4W	
R256			RK73GB2A221J	CHIP R 220 J 1/10W	
R257			RK73GB2A223J	CHIP R 22K J 1/10W	
R259			RK73GB2A432J	CHIP R 4.3K J 1/10W	
R260			RK73GB2A100J	CHIP R 10 J 1/10W	
R261			RK73GB2A752J	CHIP R 7.5K J 1/10W	
R266			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R267			RK73EB2E100J	CHIP R 10 J 1/4W	
R268			RK73EB2E4R7J	CHIP R 4.7 J 1/4W	
R269			RK73EB2E100J	CHIP R 10 J 1/4W	
R270			RK73GB2A473J	CHIP R 47K J 1/10W	
R271			RK73GB2A821J	CHIP R 820 J 1/10W	
R272,273			RK73GB2A103J	CHIP R 10K J 1/10W	
R274			RK73GB2A153J	CHIP R 15K J 1/10W	

Ref. No.	Add	New	Parts No.	Description	Destination
R275			RK73GB2A473J	CHIP R 47K J 1/10W	
R276			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R277			RK73GB2A473J	CHIP R 47K J 1/10W	
R278			RK73GB2A333J	CHIP R 33K J 1/10W	
R279,280			RK73GB2A334J	CHIP R 330K J 1/10W	
R303			RK73FB2B102J	CHIP R 1.0K J 1/8W	
R304			RK73GB2A223J	CHIP R 22K J 1/10W	
R305			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R306-308			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R501,502			RK73EB2E101J	CHIP R 100 J 1/4W	
R503-507			RK73EB2E472J	CHIP R 4.7K J 1/4W	
R508			RK73EB2E101J	CHIP R 100 J 1/4W	
R509-511			RK73EB2E471J	CHIP R 470 J 1/4W	
R512			RK73EB2E102J	CHIP R 1.0K J 1/4W	
R513			RK73GB2A223J	CHIP R 22K J 1/10W	
R514-516			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R517,518			RK73EB2E101J	CHIP R 100 J 1/4W	
R519			RK73EB2E471J	CHIP R 470 J 1/4W	
R520			RK73EB2E472J	CHIP R 4.7K J 1/4W	
R522-524			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R525			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R527			RK73GB2A473J	CHIP R 47K J 1/10W	
R601,602			RK73GB2A104J	CHIP R 100K J 1/10W	
R603			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R604,605			RK73GB2A103J	CHIP R 10K J 1/10W	
R606			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R607			RK73GB2A911J	CHIP R 910 J 1/10W	
R608,609			RK73GB2A104J	CHIP R 100K J 1/10W	
R610			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R611,612			RK73GB2A103J	CHIP R 10K J 1/10W	
R613			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R614			RK73GB2A911J	CHIP R 910 J 1/10W	
R615-618			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R620			RK73EB2E102J	CHIP R 1.0K J 1/4W	
R621			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R623,624			RK73GB2A332J	CHIP R 3.3K J 1/10W	
R625,626			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R701			RK73GB2A104J	CHIP R 100K J 1/10W	
W3			R92-1252-05	CHIP R 0 OHM J 1/16W	
D1			1N5393G-M5	DIODE	
D2			RB160L-40	DIODE	
D3			MA8056-M	ZENER DIODE	
D4			MA8082-L	ZENER DIODE	
D6			MA8100-L	ZENER DIODE	
D7			MA4062(N)-L	ZENER DIODE	
D16			MA3056-M	ZENER DIODE	
D17			MA3047-M	ZENER DIODE	
D18			MA8068-M	ZENER DIODE	
D19			MA8062-M	ZENER DIODE	
D20,21			DAP202U	DIODE	
D20,21			MA142WA	DIODE	
D101			DAP202U	DIODE	
D101			MA142WA	DIODE	
D201,202			RD6.8M(B2)	ZENER DIODE	

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ELECTRIC UNIT (X25-9642-72)

Ref. No.	Add	New	Parts No.	Description	Destination
D205			RD6.8M(B2)	ZENER DIODE	
D206			RD6.8MW	ZENER DIODE	
D207,208			DAP202U	DIODE	
D207,208			MA142WA	DIODE	
D209-216			S1J	DIODE	
D209-216			1SR154-400	DIODE	
D217			DA204K	DIODE	
D301			IMSA-6801	SURGE ABSORBER	
D501-505			MA3062WA	ZENER DIODE	
D506-509			DA204K	DIODE	
D601			DA204K	DIODE	
IC1		✻	703033BGC021	MI-COM IC	
IC2			TDA7411	ANALOGUE IC	
IC3			M5237ML	ANALOGUE IC	
IC4			TDA7560	ANALOGUE IC	
IC5			TDA7401	ANALOGUE IC	
IC6		✻	NJM2195FJ1	ANALOGUE IC	
IC8			S-80837CNNB	MOS-IC	
IC9			TC74HC02AF	MOS-IC	
IC10			NJM4565M-TE2	ANALOGUE IC	
IC14			TDA7479D	ANALOGUE IC	
IC15,16			LB1930M	ANALOGUE IC	
IC17			BR24C01AF-W	ROM IC	
IC18			L9820D013TR	ANALOGUE IC	
IC20		✻	TC7W66FK	MOS-IC	
Q1			2SA2057	TRANSISTOR	
Q2			2SC4081	TRANSISTOR	
Q3			2SA1576A	TRANSISTOR	
Q4			DTA124EUA	DIGITAL TRANSISTOR	
Q4			UN5112	DIGITAL TRANSISTOR	
Q5			DTC124EUA	DIGITAL TRANSISTOR	
Q5			UN5212	DIGITAL TRANSISTOR	
Q6			DTC144EUA	DIGITAL TRANSISTOR	
Q6			UN5213	DIGITAL TRANSISTOR	
Q7			DTA124EUA	DIGITAL TRANSISTOR	
Q7			UN5112	DIGITAL TRANSISTOR	
Q8,9			2SA2057	TRANSISTOR	
Q11			DTC124EUA	DIGITAL TRANSISTOR	
Q11			UN5212	DIGITAL TRANSISTOR	
Q12			DTA124EUA	DIGITAL TRANSISTOR	
Q12			UN5112	DIGITAL TRANSISTOR	
Q13			2SA2057	TRANSISTOR	
Q14			2SC4081	TRANSISTOR	
Q25			DTA123JK	DIGITAL TRANSISTOR	
Q25			KRA105S	DIGITAL TRANSISTOR	
Q26			DTC144EUA	DIGITAL TRANSISTOR	
Q26			UN5213	DIGITAL TRANSISTOR	
Q27			2SC4081	TRANSISTOR	
Q29			2SC4081	TRANSISTOR	
Q30,31			DTA124EUA	DIGITAL TRANSISTOR	
Q30,31			UN5112	DIGITAL TRANSISTOR	
Q201			DTC143TUA	DIGITAL TRANSISTOR	
Q201			UN5216	DIGITAL TRANSISTOR	
Q202			DTC124EUA	DIGITAL TRANSISTOR	
Q202			UN5212	DIGITAL TRANSISTOR	
Q203-208			DTC143TUA	DIGITAL TRANSISTOR	
Q203-208			UN5216	DIGITAL TRANSISTOR	
Q210			2SC4081	TRANSISTOR	
Q303			DTC124EUA	DIGITAL TRANSISTOR	
Q303			UN5212	DIGITAL TRANSISTOR	
Q304			2SB1188(Q,R)	TRANSISTOR	
Q305			DTC143TUA	DIGITAL TRANSISTOR	
Q305			UN5216	DIGITAL TRANSISTOR	
Q501			DTA124EUA	DIGITAL TRANSISTOR	
Q501			UN5112	DIGITAL TRANSISTOR	
Q502			2SB1427	TRANSISTOR	
Q503			DTC124EUA	DIGITAL TRANSISTOR	
Q503			UN5212	DIGITAL TRANSISTOR	
Q601			DTC124EUA	DIGITAL TRANSISTOR	
Q601			UN5212	DIGITAL TRANSISTOR	
Q602			2SC4081	TRANSISTOR	
Q603			DTC124EUA	DIGITAL TRANSISTOR	
Q603			UN5212	DIGITAL TRANSISTOR	
TH1			PTH9C42BD471Q	POSITIVE RESISTOR	
A2		✻	W02-3430-05	ELECTRIC CIRCUIT MODULE	
A1			X86-3732-70	FRONT-END UNIT	

CD PLAYER UNIT (X32-5200-00)

C1,2			CK73GB0J105K	CHIP C	1.0UF	K	
C3			CK73FB1A225K	CHIP C	2.2UF	K	
C4			C92-0566-05	CHIP-TAN	10UF	6.3WV	
C5			CC73GCH1H220J	CHIP C	22PF	J	
C6			CC73GCH1H030C	CHIP C	3.0PF	C	
C7			CK73GB1C104K	CHIP C	0.10UF	K	
C8			CK73GB0J105K	CHIP C	1.0UF	K	
C10			CK73GB1H472K	CHIP C	4700PF	K	
C11			CK73GB1H682K	CHIP C	6800PF	K	
C12			CK73GB1H332K	CHIP C	3300PF	K	
C13			CK73GB1C333K	CHIP C	0.033UF	K	
C14			CK73GB1H472K	CHIP C	4700PF	K	
C15			CK73GB1E473K	CHIP C	0.047UF	K	
C16			CC73GCH1H221J	CHIP C	220PF	J	
C17			CK73GB1H472K	CHIP C	4700PF	K	
C18			CC73GCH1H331J	CHIP C	330PF	J	
C19,20			CK73GB1C104K	CHIP C	0.10UF	K	
C21			CK73FB1A225K	CHIP C	2.2UF	K	
C23			CK73GB1H102K	CHIP C	1000PF	K	
C24			CK73GB1E223K	CHIP C	0.022UF	K	
C25			CK73GB1H153K	CHIP C	0.015UF	K	
C26			CK73GB0J105K	CHIP C	1.0UF	K	
C28			CK73GB0J105K	CHIP C	1.0UF	K	
C29			CK73GB1C104K	CHIP C	0.10UF	K	
C33			CK73GB1C104K	CHIP C	0.10UF	K	
C35			CK73GB1C104K	CHIP C	0.10UF	K	
C39			CK73GB1H152K	CHIP C	1500PF	K	
C40			CK73GB1H103K	CHIP C	0.010UF	K	
C41			CK73EB1C225K	CHIP C	2.2UF	K	
C42			CK73GB1H152K	CHIP C	1500PF	K	
C44			CK73GB1H103K	CHIP C	0.010UF	K	

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Ref. No.	Add	New	Parts No.	Description	Destination
C46			CK73GB1E473K	CHIP C 0.047UF K	
C51			CK73GB1C104K	CHIP C 0.10UF K	
C55			CK73GB1C104K	CHIP C 0.10UF K	
C67,68			CK73GB1C104K	CHIP C 0.10UF K	
C71,72			CK73GB1H471K	CHIP C 470PF K	
C77,78			CC73GCH1H680J	CHIP C 68PF J	
C79,80			CK73GB1H222K	CHIP C 2200PF K	
C85			CK73GB1C104K	CHIP C 0.10UF K	
C89			CK73GB1H222K	CHIP C 2200PF K	
CN1			E40-9536-05	FLAT CABLE CONNECTOR	
CN2			E41-0213-05	FLAT CABLE CONNECTOR	
X1			L78-0851-05	RESONATOR (16.93MHZ)	
CP1			R90-1019-05	MULTI-COMP 100 X2	
CP2			R90-1014-05	MULTI-COMP 100 X4	
R3			RK73GB2A272J	CHIP R 2.7K J 1/10W	
R5			RK73GB2A361J	CHIP R 360 J 1/10W	
R6			RK73GB2A272J	CHIP R 2.7K J 1/10W	
R7			RK73GB2A104J	CHIP R 100K J 1/10W	
R8			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R9			RK73FB2B100J	CHIP R 10 J 1/8W	
R10,11			RK73GB2A562J	CHIP R 5.6K J 1/10W	
R12			RK73GB2A682J	CHIP R 6.8K J 1/10W	
R13			RK73GB2A392J	CHIP R 3.9K J 1/10W	
R15			RK73GB2A824J	CHIP R 820K J 1/10W	
R16			RK73GB2A223J	CHIP R 22K J 1/10W	
R17			RK73GB2A393J	CHIP R 39K J 1/10W	
R18			RK73GB2A392J	CHIP R 3.9K J 1/10W	
R19			RK73GB2A473J	CHIP R 47K J 1/10W	
R20			RK73GB2A104J	CHIP R 100K J 1/10W	
R21			RK73GB2A244J	CHIP R 240K J 1/10W	
R22			RK73GB2A623J	CHIP R 62K J 1/10W	
R32			RK73GB2A683J	CHIP R 68K J 1/10W	
R34			RK73GB2A363J	CHIP R 36K J 1/10W	
R35			RK73GB2A104J	CHIP R 100K J 1/10W	
R36			RK73GB2A151J	CHIP R 150 J 1/10W	
R37			RK73GB2A471J	CHIP R 470 J 1/10W	
R38			RK73GB2A224J	CHIP R 220K J 1/10W	
R40			RK73GB2A133J	CHIP R 13K J 1/10W	
R46			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R47			RK73GB2A103J	CHIP R 10K J 1/10W	
R49			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R52			RK73GB2A104J	CHIP R 100K J 1/10W	
R53			RK73GB2A103J	CHIP R 10K J 1/10W	
R54			RK73GB2A104J	CHIP R 100K J 1/10W	
R70			RK73GB2A103J	CHIP R 10K J 1/10W	
R71			RK73GB2A183J	CHIP R 18K J 1/10W	
R73			RK73GB2A683J	CHIP R 68K J 1/10W	
R74			RK73GB2A123J	CHIP R 12K J 1/10W	
R75			RK73GB2A333J	CHIP R 33K J 1/10W	
R76			RK73GB2A103J	CHIP R 10K J 1/10W	
R79,80			RK73GB2A103J	CHIP R 10K J 1/10W	
R81			RK73GB2A333J	CHIP R 33K J 1/10W	
R82			RK73GB2A223J	CHIP R 22K J 1/10W	

CD PLAYER UNIT (X32-5200-00)

Ref. No.	Add	New	Parts No.	Description	Destination
R84			RK73GB2A103J	CHIP R 10K J 1/10W	
R101,102			RK73GB2A332J	CHIP R 3.3K J 1/10W	
R103,104			RK73GB2A562J	CHIP R 5.6K J 1/10W	
R107,108			RK73FB2B331J	CHIP R 330 J 1/8W	
R110			RK73FB2B201J	CHIP R 200 J 1/8W	
R117,118			RK73FB2B203J	CHIP R 20K J 1/8W	
R121,122			RK73FB2B203J	CHIP R 20K J 1/8W	
R125,126			RK73FB2B203J	CHIP R 20K J 1/8W	
R202			RK73GB2A104J	CHIP R 100K J 1/10W	
R213			RK73GB2A104J	CHIP R 100K J 1/10W	
R218			RK73GB2A473J	CHIP R 47K J 1/10W	
R233			RK73GB2A622J	CHIP R 6.2K J 1/10W	
R234			RK73GB2A103J	CHIP R 10K J 1/10W	
S1,2			S68-0863-05	PUSH SWITCH	
S3			S68-0862-05	PUSH SWITCH	
D1			DAN202U	DIODE	
D2			MA8051-L	ZENER DIODE	
D3			DA204U	DIODE	
D4			DAN202U	DIODE	
IC1			AN22002AA	ANALOGUE IC	
IC2			MN662773KH2	MOS-IC	
IC4			BA5824FP	ANALOGUE IC	
IC6			NJM4580M1	ANALOGUE IC	
Q1			MCH6101	TRANSISTOR	
Q2			DTC124EUA	DIGITAL TRANSISTOR	
Q3			DTA143XUA	DIGITAL TRANSISTOR	
Q4			2SA1362(Y)	TRANSISTOR	
Q5			DTC124EUA	DIGITAL TRANSISTOR	

CD MECHANISM ASSY (X92-4450-01)

2	1B		A10-4827-12	CHASSIS	
5	1B	✻	D10-4576-43	ARM ASSY	
8	2A		D10-4579-03	LEVER ASSY	
10	3A		D10-4581-13	ARM	
11	2A		D10-4582-13	ARM	
12	3A		D10-4583-03	ARM	
13	3A		D10-4584-03	ARM	
14	3B		D10-4585-03	ARM	
15	2A		D10-4586-13	SLIDER	
16	3B		D10-4587-22	SLIDER	
17	3B	✻	D10-4588-13	SLIDER	
18	3B		D10-4595-04	ARM	
19	3B		D10-4596-14	ARM	
22	2A		D13-2151-04	GEAR	
23	2B		D13-2152-04	GEAR	
24	3B		D13-2153-04	GEAR	
25	3B		D13-2154-04	GEAR	
26	3B		D13-2155-04	WORM	
27	3B		D13-2156-14	GEAR	
28	3B		D13-2157-04	GEAR	
29	3B		D13-2158-04	GEAR	
30	3B		D13-2168-04	GEAR	
31	3B		D13-2171-04	GEAR	
32	2B		D13-2172-03	RACK (GEAR)	

E : Europe

⚠ Indicates safety critical components.

PARTS LIST

✻ New parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

CD MECHANISM ASSY (X92-4450-01)

Ref. No.	Add	New	Parts No.	Description	Destination
33	2A		D14-0759-04	ROLLER	
35	2B		D21-2382-04	SHAFT	
36	1A		D23-0954-04	RETAINER	
37	1B		D39-0246-05	DAMPER	
38	2B		G01-3072-04	EXTENSION SPRING	
39	2A		G01-3073-04	TORSION COIL SPRING	
40	2A		G01-3074-04	EXTENSION SPRING	
41	1B		G01-3075-04	EXTENSION SPRING	
42	2A		G01-3076-04	EXTENSION SPRING	
43	1B		G01-3077-04	EXTENSION SPRING	
44	2B		G02-1399-04	FLAT SPRING	
45	2B		G02-1408-04	FLAT SPRING	
51	1A		J21-9676-22	MOUNTING HARDWARE	
52	3B		J21-9677-02	MOUNTING HARDWARE	
53	1B		J21-9678-03	MOUNTING HARDWARE	
55	1A		J90-1001-11	GUIDE	
56	1B		J90-1023-03	GUIDE	
A	2B		N09-4460-05	TAPTITE SCREW (OVAL P TAPTIT)	
B	1B		N09-4472-05	MACHINE SCREW (M1.7X8.5)	
C	2B		N09-6004-05	MACHINE SCREW (M1.7X2.5 IB-L)	
E	2B		N09-6007-05	MACHINE SCREW (PAN M2X2)	
F	1A		N09-6051-05	TAPTITE SCREW (BIND P 2X5)	
G	2A		N19-2163-04	FLAT WASHER	
H	1B		N39-2020-46	PAN HEAD MACHIN SCREW	
J	1B		N09-6108-05	MACHINE SCREW (M2✻3.5TYPE3)	
DM1	3B		T42-1066-04	DC MOTOR ASSY (SP)	
DM2	2B		T42-1067-04	DC MOTOR ASSY (LO)	
DPU1	2D		X93-2000-00	OPTICAL PICKUP ASSY	

Ref. No.	Add	New	Parts No.	Description	Destination

E : Europe

⚠ Indicates safety critical components.

KDC-8024

SPECIFICATIONS

FM

- Frequency Range (Frequency step) ..... 87.5MHz~108.0MHz (50kHz)
- Usable Sensitivity (S/N 26dB) 0.7µV/75Ω
- Quieting Sensitivity (S/N 46dB) 1.6µV/75Ω
- Frequency Response (±3.0dB) ..... 30Hz~15kHz
- S/N ..... 65dB (MONO)
- Selectivity (DIN) ..... ≥ 80dB (±400kHz)
- Stereo Separation 35dB (1kHz)

MW

- Frequency Range (Frequency step) ..... 531kHz~1611kHz (9kHz)
- Usable Sensitivity (S/N 20dB) 25µV

LW

- Frequency Range ..... 153kHz~281kHz
- Usable Sensitivity (S/N 20dB) 45µV

CD

- Laser Diode ..... GaAlAs (λ=780nm)
- Digital Filter (D/A) ..... 8 Times Over Sampling
- D/A Converter ..... 1 Bit
- Spindle Speed (CD-DA) ..... 500~200rpm (CLV)
- Wow & Flutter ..... Below Measurable Limit
- Frequency Response ..... 10Hz~20kHz (±1dB)
- Total Harmonic Distortion 0.01% (1kHz)
- S/N Ratio 105dB (1kHz)
- Dynamic Range 93dB
- Channel Separation 95dB

Preout Level/Load (Unbalanced) ..... 2000mV/10kΩ (CD/CD-CH)

Preout Impedance ..... ≤ 600Ω

Amplifier

- Maximum Power 50Wx4
- PWR DIN45324, +B=14.4V 30Wx4

Tone

- Bass ..... 100Hz±10dB
- Middle ..... 1kHz±10dB
- Treble ..... 10kHz±10dB

General

- Operating Voltage (11V~16V allowable) 14.4V
- Current Consumption 10A
- Installation Size (WxHxD) ..... 178x50x165 (mm)
- Weight 1.70kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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